

Make Ninety Addition Strategy (A)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 87 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87} + 3 + 5 = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (A) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 87 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 8} = 98 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 7} = 97 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{83 + 7 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 4} = 94 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (B)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 86 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (B) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{l} 86 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 85 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 87 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 83 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{83 + 7 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 84 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 5} = 95 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (C)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 85 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline 85 + 5 + 1 = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 2 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 82 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (C) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 85 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 2 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 82 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{82 + 8 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 2} = 92 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (D)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 84 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 2 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (D) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 84 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{83 + 7 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 2 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 3} = 93 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (E)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 86 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline 86 + 4 + 1 = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (E) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 86 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 7} = 97 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 4} = 94 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (F)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline 88 + 2 + 2 = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 82 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (F) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{l} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 7} = 97 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 85 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 82 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{82 + 8 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 86 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 86 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 1} = 91 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (G)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 82 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (G) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 82 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{82 + 8 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 4} = 94 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (H)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (H) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{l} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 7} = 97 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 86 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 1} = 91 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (I)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 86 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 2 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (I) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 86 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{83 + 7 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 2 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 3} = 93 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (J)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 86 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (J) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 86 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{83 + 7 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 3} = 93 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (K)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 85 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 82 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (K) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 85 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 7} = 97 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 82 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{82 + 8 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{83 + 7 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 6} = 96 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (L)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 2 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (L) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 2 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 7} = 97 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 8} = 98 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (M)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (M) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{l} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 86 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 7} = 97 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 86 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 87 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 87 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 2} = 92 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (N)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 89 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 7} = 97 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (N) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{l} 89 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 7} = 97 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 83 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{83 + 7 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 8} = 98 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 83 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{83 + 7 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 87 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 1} = 91 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (0)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 88 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (0) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 88 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 3} = 93 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (P)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 87 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87} + 3 + 5 = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (P) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 87 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 8} = 98 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{83 + 7 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 6} = 96 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (Q)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (Q) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{l} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 7} = 97 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 7} = 97 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 87 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 85 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 1} = 91 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (R)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 84 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline 84 + 6 + 3 = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 2 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \hline + \quad + = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (R) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 84 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{83 + 7 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 2 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 1} = 91 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (S)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 87 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87} + 3 + 6 = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 2 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad} + \quad + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (S) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{l} 87 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 85 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 2 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 85 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 86 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 85 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 8} = 98 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (T)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (T) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{l} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 87 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 7} = 97 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 87 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 86 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 5} = 95 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (U)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 88 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (U) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 88 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{83 + 7 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 2} = 92 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (V)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (V) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{l} 88 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 7} = 97 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 85 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 84 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 89 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 87 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 85 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 3 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 86 + 6 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{l} 88 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 5} = 95 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (W)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$86 + 9 =$$

Keep Split

$$\begin{array}{r} 86 + 4 + 5 = 95 \\ \hline \text{Make 90} \end{array}$$

$$87 + 5 =$$

Keep Split

$$\begin{array}{r} + \quad + \\ \hline \text{Make 90} \end{array} =$$

$$85 + 9 =$$

Keep Split

$$\begin{array}{r} + \quad + \\ \hline \text{Make 90} \end{array} =$$

$$89 + 2 =$$

Keep Split

$$\begin{array}{r} + \quad + \\ \hline \text{Make 90} \end{array} =$$

$$86 + 7 =$$

Keep Split

$$\begin{array}{r} + \quad + \\ \hline \text{Make 90} \end{array} =$$

$$88 + 4 =$$

Keep Split

$$\begin{array}{r} + \quad + \\ \hline \text{Make 90} \end{array} =$$

$$87 + 9 =$$

Keep Split

$$\begin{array}{r} + \quad + \\ \hline \text{Make 90} \end{array} =$$

$$82 + 9 =$$

Keep Split

$$\begin{array}{r} + \quad + \\ \hline \text{Make 90} \end{array} =$$

$$86 + 8 =$$

Keep Split

$$\begin{array}{r} + \quad + \\ \hline \text{Make 90} \end{array} =$$

$$84 + 7 =$$

Keep Split

$$\begin{array}{r} + \quad + \\ \hline \text{Make 90} \end{array} =$$

Make Ninety Addition Strategy (W) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 86 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 5} = 95 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 2 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 82 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{82 + 8 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 1} = 91 \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (X)

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{\quad + \quad} + \quad = \\ \text{Make 90} \end{array}$$

Make Ninety Addition Strategy (X) Answers

Name: _____

Date: _____

Make ninety to help you calculate each sum.

$$\begin{array}{r} 87 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 4} = 94 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 7 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 85 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{85 + 5 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 89 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{89 + 1 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 6} = 96 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 87 + 4 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{87 + 3 + 1} = 91 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 83 + 9 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{83 + 7 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 88 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{88 + 2 + 3} = 93 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 84 + 8 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{84 + 6 + 2} = 92 \\ \text{Make 90} \end{array}$$

$$\begin{array}{r} 86 + 5 = \\ \text{Keep} \quad \text{Split} \\ \downarrow \quad \swarrow \\ \underline{86 + 4 + 1} = 91 \\ \text{Make 90} \end{array}$$