Make Fifty Addition Strategy (A)

Name:

Date:

$$49 + 5 =$$
 \downarrow
 $49 + 1 + 4 = 54$

$$48+8=$$
Keep Split
 $++=$
Make 50

$$48+4=$$
Keep Split
 $++=$
Make 50

$$48+6 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$47 + 7 =$$
Keep Split
$$+ + =$$
Make 50

$$47 + 6 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (A) Answers

Name:

Date:

$$49+5=$$

Keep Split

 $49+1+4=54$

Make 50

$$48 + 8 =$$

Keep Split

 $48 + 2 + 6 = 56$

Make 50

$$49+4=$$

Keep Split

 $49+1+3=53$

Make 50

$$43 + 8 =$$

Keep Split

 $43 + 7 + 1 = 51$

Make 50

$$47 + 4 = \frac{47 + 4}{47 + 3 + 1} = 51$$

Make 50

$$47 + 8 = \frac{47 + 8}{47 + 3 + 5} = 55$$

Make 50

$$48 + 4 =$$

Keep Split

 $48 + 2 + 2 = 52$

Make 50

$$48 + 6 =$$

Keep Split

 $48 + 2 + 4 = 54$

Make 50

$$47 + 7 = \frac{47 + 3}{\text{Make } 50} + 4 = 54$$

$$47 + 6 =$$

Keep Split

 $47 + 3 + 3 = 53$

Make 50

Make Fifty Addition Strategy (B)

Name:

Date:

$$44 + 9 = \frac{44 + 9}{44 + 6 + 3} = 53$$

$$45+9 =$$
Keep Split
$$+ + =$$
Make 50

$$46+9=$$

$$\downarrow \qquad \qquad \downarrow$$

$$+ \qquad \qquad + \qquad =$$

$$\frac{\text{Make 50}}{\text{Make 50}}$$

$$45 + 8 =$$
Keep Split
$$+ + =$$
Make 50

$$43 + 9 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$47 + 9 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$42 + 9 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (B) Answers

Name:

Date:

$$44 + 9 = \frac{44 + 9}{44 + 6} + 3 = 53$$

Make 50

$$46+9=$$

Keep Split

 $46+4+5=55$

Make 50

$$46+6=$$

Keep Split

 $46+4+2=52$

Make 50

$$43 + 9 =$$
 \downarrow
 $43 + 7 + 2 = 52$

Make 50

$$44 + 8 = \frac{44 + 8}{44 + 6} = 52$$

Make 50

$$45 + 9 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$45 + 5 + 4 = 54$$

$$Make 50$$

$$45 + 8 =$$
Keep Split
$$45 + 5 + 3 = 53$$
Make 50

$$46 + 8 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow$$

$$46 + 4 + 4 = 54$$

$$\frac{46 + 4}{\text{Make } 50}$$

$$47 + 9 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$47 + 3 + 6 = 56$$

$$\frac{47 + 3}{\text{Make } 50} + 6 = 56$$

$$42 + 9 =$$

Keep Split

 $42 + 8 + 1 = 51$

Make Fifty Addition Strategy (C)

Name:

Date:

$$49 + 8 =$$

Keep Split

 $49 + 1 + 7 = 57$

$$48+9=$$
Keep Split
$$++=$$
Make F0

$$47 + 5 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$49 + 3 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow$$

$$+ \qquad \qquad + \qquad =$$

$$\frac{\text{Make 50}}{\text{Make 50}}$$

$$44 + 7 =$$
Keep Split
$$+ + =$$
Make 50

$$\begin{array}{c} 49 + 7 = \\ \downarrow \\ \downarrow \\ + \\ \hline \text{Make 50} \end{array}$$

$$48 + 5 =$$
Keep Split
$$+ + =$$
Make 50

$$48 + 3 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (C) Answers

Name:

Date:

$$49 + 8 = \frac{1}{49 + 1} + 7 = 57$$
Make 50

$$47 + 5 = \frac{47 + 5}{47 + 3 + 2} = 52$$

$$44 + 7 = \frac{44 + 7}{44 + 6} + 1 = 51$$

$$49+7=$$
 \downarrow
 $49+1+6=56$

Make 50

$$48 + 7 =$$

Keep Split

 $48 + 2 + 5 = 55$

$$48+9=$$

Keep Split

 $48+2+7=57$

Make 50

$$49 + 3 =$$

Keep Split

 $49 + 1 + 2 = 52$

Make 50

$$49 + 2 =$$

Keep Split

 $49 + 1 + 1 = 51$

Make 50

$$48+5=$$
Keep Split
$$48+2+3=53$$
Make 50

$$48 + 3 =$$

Keep Split

 $48 + 2 + 1 = 51$

Make Fifty Addition Strategy (D)

Name:

Date:

$$49 + 6 =$$

Keep Split

 $49 + 1 + 5 = 55$

$$48+5=$$
Keep Split
 $++=$
Make 50

$$45 + 7 =$$
Keep Split
$$+ + =$$
Make 50

$$44 + 7 =$$
Keep Split
$$+ + =$$
Make 50

$$49 + 9 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$44+9 =$$
Keep Split
$$+ + =$$
Make 50

$$46+5=$$
Keep Split
$$+++=$$
Make 50

$$47 + 5 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (D) Answers

Name:

Date:

$$49+6=$$

Keep Split

 $49+1+5=55$

Make 50

$$49 + 3 =$$

Keep Split

 $49 + 1 + 2 = 52$

Make 50

$$44 + 7 = \frac{44 + 7}{44 + 6} + 1 = 51$$

$$44 + 9 =$$

Keep Split

 $44 + 6 + 3 = 53$

Make 50

$$45 + 8 =$$

Keep Split

 $45 + 5 + 3 = 53$

Make 50

$$48 + 5 =$$

Keep Split

 $48 + 2 + 3 = 53$

Make 50

$$45 + 7 =$$

Keep Split

 $45 + 5 + 2 = 52$

Make 50

$$49+9=$$

$$\downarrow \qquad \qquad \downarrow$$

$$49+1+8=58$$

$$Make 50$$

$$46+5=$$

$$\downarrow \qquad \qquad \downarrow$$

$$46+4+1=51$$

$$\frac{46+4}{\text{Make }50}+1=51$$

$$47 + 5 = \frac{47 + 3}{47 + 3 + 2} = 52$$

Make Fifty Addition Strategy (E)

Name:

Date:

$$49 + 5 =$$

Keep Split

 $49 + 1 + 4 = 54$

$$48+7=$$
Keep Split
 $++=$
Make 50

$$47 + 8 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad$$

$$44 + 8 =$$
Keep Split
$$+ + =$$
Make 50

$$47 + 6 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad$$

$$47 + 4 =$$
Keep Split
$$+ + =$$
Make 50

$$47 + 9 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (E) Answers

Name:

Date:

Make fifty to help you calculate each sum.

48 + 7 =

$$49+5=$$

$$\downarrow \qquad \qquad \downarrow$$

$$49+1+4=54$$
Make F0

$$47 + 8 = \frac{47 + 3}{\text{Make } 50} = 55$$

$$48+6=$$

$$\downarrow \qquad \qquad \downarrow$$

$$48+2+4=54$$

$$Make 50$$

$$44 + 8 = \frac{44 + 8}{44 + 6} + 2 = 52$$

Make 50

$$43 + 8 = \frac{1}{43 + 7} + 1 = 51$$

Make 50

$$47 + 6 = \frac{47 + 6}{47 + 3 + 3} = 53$$

Make 50

$$47 + 4 = \frac{1}{47 + 3} + 1 = 51$$

$$49+4=$$
 $49+4=$
 $49+1+3=53$
 $49+1+3=53$

$$47 + 9 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow$$

$$47 + 3 + 6 = 56$$

$$\frac{47 + 3}{\text{Make } 50} + 6 = 56$$

Make Fifty Addition Strategy (F)

Name:

Date:

$$46+9=$$
 $46+9=$
 $46+4+5=55$

$$46+7 = \frac{1}{\text{Keep Split}}$$

$$+ + = \frac{1}{\text{Make 50}}$$

$$46+6 = \frac{\text{Keep Split}}{\text{Make } 50}$$

$$49 + 8 =$$
Keep Split
$$+ + =$$
Make 50

$$\begin{array}{c}
49 + 2 = \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 50
\end{array}$$

$$45 + 9 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

Make Fifty Addition Strategy (F) Answers

Name:

Date:

$$46+9=$$

Keep Split

 $46+4+5=55$

Make 50

$$45 + 6 =$$

Keep Split

 $45 + 5 + 1 = 51$

$$49 + 8 =$$

Keep Split

 $49 + 1 + 7 = 57$

Make 50

$$43 + 9 =$$

Keep Split

 $43 + 7 + 2 = 52$

Make 50

$$48 + 3 =$$

Keep Split

 $48 + 2 + 1 = 51$

$$46+7=$$

Keep Split

 $46+4+3=53$

Make 50

$$46+6=$$

Keep Split

 $46+4+2=52$

Make 50

$$49+2=$$

$$\downarrow \qquad \qquad \downarrow$$

$$49+1+1=51$$

$$\frac{49+1}{\text{Make }50}$$

$$42 + 9 =$$

Keep Split

 $42 + 8 + 1 = 51$

Make 50

$$45+9=$$

$$\downarrow \qquad \qquad \downarrow$$

$$45+5+4=54$$
Make 50

Make Fifty Addition Strategy (G)

Name:

Date:

$$46+7=$$

Keep Split

 $46+4+3=53$

$$45+9 = \frac{1}{45}$$
Keep Split
$$+ + = \frac{1}{45}$$
Make 50

$$48 + 7 =$$
Keep Split
$$+ + =$$
Make 50

$$46+5=$$
Keep Split
$$++=$$
Make 50

$$48 + 9 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad$$

$$45 + 7 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

Make Fifty Addition Strategy (G) Answers

Name:

Date:

Make fifty to help you calculate each sum.

45+9=

$$46+7=$$
 \downarrow
 $46+4+3=53$

Make 50

Keep Split
$$46+4+3=53$$
Make 50
$$45+5+4=54$$

$$48+7=$$
 \downarrow
 $48+2+5=55$

Make 50

$$46+5=$$

$$\downarrow \qquad \qquad \downarrow$$

$$46+4+1=51$$

$$\frac{46+4}{\text{Make }50}$$

$$47 + 4 = \frac{47 + 4}{47 + 3 + 1} = 51$$

Make 50

$$48+6=$$

$$\downarrow \qquad \qquad \downarrow$$

$$48+2+4=54$$

$$Make 50$$

$$48 + 9 =$$
 $\downarrow \qquad \qquad \downarrow$
 $48 + 2 + 7 = 57$
 $Make 50$

$$45 + 8 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$45 + 5 + 3 = 53$$

$$\frac{45 + 5}{\text{Make } 50} + 3 = 53$$

$$42 + 9 =$$
 \downarrow
 $42 + 8 + 1 = 51$
 $Make 50$

$$45 + 7 =$$

Keep Split

 $45 + 5 + 2 = 52$

Make 50

Make Fifty Addition Strategy (H)

Name:

Date:

$$46 + 8 =$$

Keep Split

 $46 + 4 + 4 = 54$

$$\begin{array}{c}
49 + 8 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\frac{\text{Make } 50}
\end{array}$$

$$44+9=$$
Keep Split
$$++=$$
Make 50

$$49 + 9 =$$
Keep Split
$$+ + =$$
Make 50

$$46+9=$$

$$\downarrow \qquad \qquad \downarrow$$

$$+ \qquad \qquad + \qquad =$$

$$Make 50$$

$$44 + 8 =$$
Keep Split
$$+ + =$$
Make 50

$$44 + 7 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (H) Answers

Name:

Date:

$$46 + 8 = \frac{1}{46 + 4} + 4 = 54$$

$$43 + 8 =$$
 $43 + 8 =$
 $43 + 7 + 1 = 51$
 $43 + 7 + 1 = 51$

$$44 + 9 = \frac{44 + 9}{44 + 6 + 3} = 53$$

Make 50

$$46+9=$$

$$\downarrow \qquad \qquad \downarrow$$

$$46+4+5=55$$

$$Make 50$$

$$49+5=$$

Keep Split

 $49+1+4=54$

$$47 + 7 = \frac{47 + 3}{\text{Make } 50} + 4 = 54$$

$$49 + 8 =$$

Keep Split

 $49 + 1 + 7 = 57$

Make 50

$$49+9=$$

$$\downarrow \qquad \qquad \downarrow$$

$$49+1+8=58$$

$$\frac{49+1}{\text{Make }50}+8=58$$

$$44 + 8 =$$

Keep Split

 $44 + 6 + 2 = 52$

Make 50

$$44 + 7 =$$

Keep Split

 $44 + 6 + 1 = 51$

Make 50

Make Fifty Addition Strategy (I)

Name:

Date:

$$49 + 4 =$$

Keep Split

 $49 + 1 + 3 = 53$

$$48+8=$$
Keep Split
 $++=$
Make 50

$$46+6=$$
Keep Split
$$++=$$
Make 50

$$\begin{array}{c}
49 + 2 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make } 50
\end{array}$$

$$45+6=$$

$$\downarrow \qquad \qquad \downarrow$$

$$+\qquad \qquad +\qquad =$$

$$\frac{\text{Make 50}}{\text{Make 50}}$$

$$47 + 9 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$48+5=$$

$$48+5=$$

$$+$$

$$Make 50$$

$$+$$

$$=$$

$$47 + 6 = \\
\text{Keep Split} \\
+ + = \\
\frac{\text{Make } 50}{}$$

$$48 + 3 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

Make Fifty Addition Strategy (I) Answers

Name:

Date:

$$49+4=$$

Keep Split

 $49+1+3=53$

Make 50

$$46+6=$$

Keep Split

 $46+4+2=52$

Make 50

$$45 + 6 = \frac{45 + 6}{\sqrt{1000}} = \frac{45 + 5}{\sqrt{1000}} = \frac{45 + 6}{\sqrt{1000}} = \frac{51}{\sqrt{1000}}$$

$$48 + 5 = \frac{1}{48 + 2} + 3 = 53$$

Keep Split

 $48 + 5 = \frac{1}{48 + 2} + 3 = 53$

$$43 + 9 =$$

Keep Split

 $43 + 7 + 2 = 52$

Make 50

$$48 + 8 = \frac{1}{48 + 2 + 6} = \frac{1}{48 + 2 + 6} = \frac{1}{48 + 2 + 6} = \frac{1}{48 + 6}$$

$$49 + 2 =$$

Keep Split

 $49 + 1 + 1 = 51$

Make 50

$$47 + 9 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$47 + 3 + 6 = 56$$

$$\frac{47 + 3}{\text{Make } 50} + 6 = 56$$

$$47 + 6 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$47 + 3 + 3 = 53$$

$$\frac{47 + 3}{\text{Make } 50} + 3 = 53$$

$$48 + 3 =$$

Keep Split

 $48 + 2 + 1 = 51$

Make Fifty Addition Strategy (J)

Name:

Date:

$$46 + 8 =$$

Keep Split

 $46 + 4 + 4 = 54$

$$48 + 7 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad$$

$$46+5=$$
Keep Split
$$++=$$
Make 50

$$49 + 2 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad$$

$$47 + 7 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow$$

$$+ \qquad \qquad + \qquad =$$

$$\frac{}{\text{Make 50}}$$

$$48 + 4 =$$
Keep Split
$$+ + =$$
Make 50

$$49 + 7 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (J) Answers

Name:

Date:

$$46 + 8 = \frac{1}{160}$$
 $46 + \frac{1}{160}$
 $46 + \frac{1}{160}$

$$48+7=$$
 \downarrow
 $48+2+5=55$

Make 50

$$46+5=$$

$$\downarrow \qquad \qquad \downarrow$$

$$46+4+1=51$$

$$Make 50$$

$$49 + 2 = \frac{1}{49 + 1} + 1 = 51$$

$$48 + 4 =$$

Keep Split

 $48 + 2 + 2 = 52$

$$48 + 3 =$$

Keep Split

 $48 + 2 + 1 = 51$

Make 50

$$47 + 8 =$$

Keep Split

 $47 + 3 + 5 = 55$

Make 50

$$47 + 9 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$47 + 3 + 6 = 56$$

$$\frac{47 + 3}{\text{Make } 50} + 6 = 56$$

$$47 + 7 =$$

Keep Split

 $47 + 3 + 4 = 54$

Make 50

$$49 + 7 =$$

Keep Split

 $49 + 1 + 6 = 56$

Make 50

Make Fifty Addition Strategy (K)

Name:

Date:

$$49+6=$$

Keep Split

 $49+1+5=55$

$$49 + 8 =$$
Keep Split
$$+ + =$$
Make 50

$$49 + 3 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow$$

$$+ \qquad \qquad + \qquad =$$

$$\frac{\text{Make 50}}{\text{Make 50}}$$

$$\begin{array}{c} 49 + 9 = \\ \downarrow \\ \downarrow \\ + \\ \hline \text{Make } 50 \end{array}$$

$$48 + 8 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad$$

$$45 + 9 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$48 + 9 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

Make Fifty Addition Strategy (K) Answers

Name:

Date:

$$49+6=$$

Keep Split

 $49+1+5=55$

Make 50

$$46+6=$$
 $46+6=$
 $46+4+2=52$

Make 50

$$49+9=$$

Keep Split

 $49+1+8=58$

Make 50

$$48 + 8 =$$

Keep Split

 $48 + 2 + 6 = 56$

Make 50

$$42 + 9 =$$

Keep Split

 $42 + 8 + 1 = 51$

$$49 + 8 =$$

Keep Split

 $49 + 1 + 7 = 57$

Make 50

$$49 + 3 =$$

Keep Split

 $49 + 1 + 2 = 52$

Make 50

$$44 + 7 =$$

Keep Split

 $44 + 6 + 1 = 51$

Make 50

$$45 + 9 =$$

Keep Split

 $45 + 5 + 4 = 54$

Make 50

$$48+9=$$

$$\downarrow \qquad \qquad \downarrow$$

$$48+2+7=57$$
Make 50

Make Fifty Addition Strategy (L)

Name:

Date:

$$48 + 5 = \frac{1}{48 + 2} + 3 = 53$$

$$45 + 7 =$$
Keep Split
$$+ + =$$
Make 50

$$49 + 4 =$$
Keep Split
$$+ + =$$
Make 50

$$48+6=$$
Keep Split
$$++=$$
Make 50

$$44+9 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make } 50$$

$$47 + 6 = \\
\text{Keep Split} \\
+ + = \\
\frac{\text{Make } 50}{}$$

$$43 + 9 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (L) Answers

Name:

Date: ____

$$48 + 5 = \frac{1}{48 + 2 + 3} = 53$$

$$45 + 7 =$$

Keep Split

 $45 + 5 + 2 = 52$

Make 50

$$49+4=$$

Keep Split

 $49+1+3=53$

Make 50

$$45 + 6 =$$

Keep Split

 $45 + 5 + 1 = 51$

Make 50

$$48 + 6 = \frac{1}{48 + 2} + 4 = 54$$

Make 50

$$44+9=$$

$$\downarrow \qquad \qquad \downarrow$$

$$44+6+3=53$$
Make 50

$$47 + 5 = \frac{1}{47 + 3} + 2 = 52$$

Make 50

$$47 + 6 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$47 + 3 + 3 = 53$$

$$\frac{47 + 3}{\text{Make } 50} + 3 = 53$$

$$44 + 8 = \frac{44 + 8}{44 + 6 + 2} = 52$$

Make 50

$$43 + 9 =$$

Keep Split

 $43 + 7 + 2 = 52$

Make 50

Make Fifty Addition Strategy (M)

Name:

Date:

$$49 + 3 =$$
 \downarrow
 $49 + 1 + 2 = 52$

$$44 + 7 =$$
Keep Split
$$+ + =$$
Make 50

$$48 + 7 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow$$

$$+ \qquad \qquad + \qquad =$$

$$\frac{\text{Make 50}}{\text{Make 50}}$$

$$42 + 9 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$\begin{array}{c}
49 + 6 = \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 50
\end{array}$$

$$45 + 8 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$48 + 4 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (M) Answers

Name:

Date: ____

$$49+3=$$

Keep Split

 $49+1+2=52$

Make 50

$$48+7=$$
 \downarrow
 $48+2+5=55$
 $Make 50$

$$49+6=$$

Keep Split

 $49+1+5=55$

Make 50

$$49 + 7 =$$

Keep Split

 $49 + 1 + 6 = 56$

Make 50

$$43 + 9 =$$

Keep Split

 $43 + 7 + 2 = 52$

$$44 + 7 =$$

Keep Split

 $44 + 6 + 1 = 51$

Make 50

$$42 + 9 =$$

Keep Split

 $42 + 8 + 1 = 51$

Make 50

$$45 + 8 =$$

Keep Split

 $45 + 5 + 3 = 53$

Make 50

$$48 + 4 =$$

Keep Split

 $48 + 2 + 2 = 52$

Make 50

Make Fifty Addition Strategy (N)

Name:

Date:

$$49 + 4 = \frac{49 + 4}{49 + 1 + 3} = 53$$

$$48 + 3 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow$$

$$+ \qquad \qquad + \qquad =$$

$$\frac{\text{Make 50}}{\text{Make 50}}$$

$$49 + 2 =$$
Keep Split
$$+ + =$$
Make 50

$$44+9=$$
Keep Split
$$++=$$
Make 50

$$47 + 5 =$$
Keep Split
$$+ + =$$
Make 50

$$46+5=$$
Keep Split
$$++=$$
Make 50

Make Fifty Addition Strategy (N) Answers

Name:

Date:

$$49+4=$$

Keep Split

 $49+1+3=53$

Make 50

$$48 + 3 = \frac{1}{48 + 2} + 1 = 51$$

$$44 + 9 = \frac{44 + 9}{44 + 6 + 3} = 53$$

Make 50

$$47 + 5 = \frac{47 + 5}{47 + 3 + 2} = 52$$

Make 50

$$47 + 9 =$$

Keep Split

 $47 + 3 + 6 = 56$

$$48 + 6 =$$

Keep Split

 $48 + 2 + 4 = 54$

Make 50

$$49 + 2 =$$

Keep Split

 $49 + 1 + 1 = 51$

Make 50

$$45 + 9 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$45 + 5 + 4 = 54$$

$$Make 50$$

$$47 + 8 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$47 + 3 + 5 = 55$$

$$\frac{47 + 3}{\text{Make } 50} + 5 = 55$$

$$46+5=$$

Keep Split

 $46+4+1=51$

Make Fifty Addition Strategy (0)

Name:

Date:

$$46+6=$$

Keep Split

 $46+4+2=52$

Make 50

$$43 + 8 =$$
Keep Split
$$+ + =$$
Make 50

$$48+9=$$

$$\downarrow \qquad \qquad \downarrow$$

$$+ \qquad \qquad + \qquad =$$

$$Make 50$$

$$46+9=$$
Keep Split
$$++=$$
Make 50

$$45 + 7 =$$
Keep Split
$$+ + =$$
Make 50

$$46 + 8 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

Make Fifty Addition Strategy (O) Answers

Name:

Date:

$$46+6=$$

$$\downarrow \qquad \qquad \downarrow$$

$$46+4+2=52$$

$$Make 50$$

$$47 + 4 = \frac{47 + 4}{47 + 3 + 1} = 51$$

$$48+9=$$
 \downarrow
 $48+2+7=57$

Make 50

$$45+6=$$

Keep Split

 $45+5+1=51$

Make 50

$$49 + 8 =$$

Keep Split

 $49 + 1 + 7 = 57$

Make 50

$$47 + 6 = \frac{47 + 6}{\sqrt{100}} = \frac{47 + 3}{\sqrt{100}} + 3 = 53$$

$$43 + 8 =$$

Keep Split

 $43 + 7 + 1 = 51$

Make 50

$$46+9 = 46+9$$

$$46+4+5=55$$

$$\frac{46+4+5}{4848}$$

$$45 + 7 =$$

Keep Split

 $45 + 5 + 2 = 52$

Make 50

$$46 + 8 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$46 + 4 + 4 = 54$$
Make 50

Make Fifty Addition Strategy (P)

Name:

Date:

$$49 + 5 =$$

Keep Split

 $49 + 1 + 4 = 54$

$$46+6=$$
Keep Split
 $++=$
Make 50

$$47 + 5 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$49 + 9 =$$
Keep Split
$$+ + =$$
Make 50

$$48+9=$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow$$

$$+\qquad \qquad +\qquad =$$

$$\frac{\text{Make }50}$$

$$46+5 = \\
\text{Keep Split} \\
+ + = \\
\frac{\text{Make } 50}{}$$

$$43 + 9 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad$$

$$44 + 8 =$$
Keep Split
$$+ + =$$
Make 50

$$\begin{array}{c}
48 + 7 = \\
 & \downarrow \\
 & \downarrow \\
 & + \\
 & \downarrow \\
 & \downarrow \\
 & \downarrow \\
 & Make 50
\end{array}$$

$$46 + 8 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (P) Answers

Name:

Date:

Make fifty to help you calculate each sum.

46 + 6 =

$$49+5=$$

$$\downarrow \qquad \qquad \downarrow$$

$$49+1+4=54$$
Mala F0

Keep Split
$$49+1+4=54$$
 $46+4+2=52$ $46+4+2=52$

$$47 + 5 = \frac{47 + 5}{47 + 3 + 2} = 52$$

Make 50

$$49 + 9 =$$

Keep Split

 $49 + 1 + 8 = 58$

Make 50

$$48+9=$$
 $48+9=$
 $48+2+7=57$

Make 50

$$46+5=$$
Keep Split
$$46+4+1=51$$
Make 50

$$43 + 9 =$$
 \downarrow
 $43 + 7 + 2 = 52$
 $Make 50$

$$44 + 8 = \frac{44 + 8}{44 + 6} = 52$$

Make 50

$$48 + 7 =$$

Keep Split

 $48 + 2 + 5 = 55$

Make 50

$$46 + 8 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$46 + 4 + 4 = 54$$

$$Make 50$$

Make Fifty Addition Strategy (Q)

Name:

Date:

$$49 + 8 =$$

Keep Split

 $49 + 1 + 7 = 57$

$$48 + 4 =$$
Keep Split
$$+ + =$$
Make 50

$$45 + 8 =$$
Keep Split
$$+ + =$$
Make 50

$$49 + 3 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$45 + 7 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (Q) Answers

Name:

Date:

$$49 + 8 = \frac{1}{49 + 1} + 7 = 57$$
Make 50

$$48 + 4 = \frac{1}{100}$$
 $48 + 2 + 2 = 52$
 $\frac{48 + 2}{100} + 2 = 52$

$$47 + 4 = \frac{47 + 4}{47 + 3 + 1} = 51$$

Make 50

$$49 + 3 =$$

Keep Split

 $49 + 1 + 2 = 52$

Make 50

$$49+6=$$

Keep Split

 $49+1+5=55$

Make 50

$$44 + 7 =$$

Keep Split

 $44 + 6 + 1 = 51$

Make 50

$$45 + 8 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow$$

$$45 + 5 + 3 = 53$$

$$\frac{45 + 5}{\text{Make } 50} + 3 = 53$$

$$42 + 9 = \frac{42 + 9}{42 + 8 + 1} = 51$$

$$47 + 8 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$47 + 3 + 5 = 55$$

$$\frac{47 + 3}{\text{Make } 50} + 5 = 55$$

$$45 + 7 =$$

Keep Split

 $45 + 5 + 2 = 52$

Make 50

Make Fifty Addition Strategy (R)

Name:

Date:

$$47 + 6 = \frac{47 + 6}{47 + 3 + 3} = 53$$
Make 50

$$48+8=$$
Keep Split
 $++=$
Make 50

$$46 + 7 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow$$

$$+ \qquad \qquad + \qquad =$$

$$\frac{\text{Make } 50}{\text{Make } 50}$$

$$47 + 9 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad$$

$$\begin{array}{c} 49 + 7 = \\ \downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \\ + \qquad \qquad + \qquad = \\ \hline \text{Make 50} \end{array}$$

$$49 + 2 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (R) Answers

Name:

Date:

$$47 + 6 = \frac{47 + 6}{47 + 3 + 3} = 53$$
Make 50

$$43 + 8 =$$
 \downarrow
 $43 + 7 + 1 = 51$
Make 50

$$48+6=$$

Keep Split

 $48+2+4=54$

Make 50

$$47 + 9 = \frac{47 + 9}{\sqrt{100}} + \frac{47 + 3}{\sqrt{100}} + 6 = 56$$

$$49+4=$$

Keep Split

 $49+1+3=53$

Make 50

$$48 + 8 =$$

Keep Split

 $48 + 2 + 6 = 56$

Make 50

$$46+9=$$

$$\downarrow \qquad \qquad \downarrow$$

$$46+4+5=55$$

$$\frac{46+4+5}{\text{Make }50}$$

$$46+7 = 46+7$$

$$46+4+3=53$$

$$\frac{46+4+3}{46+4+3}=53$$

$$49 + 7 =$$

Keep Split

 $49 + 1 + 6 = 56$

Make 50

$$49 + 2 =$$

Keep Split

 $49 + 1 + 1 = 51$

Make Fifty Addition Strategy (S)

Name:

Date:

$$47 + 9 = \frac{47 + 9}{47 + 3 + 6} = 56$$
Make 50

$$45+6 =$$
Keep Split
$$+ + =$$
Make 50

$$46+9 =$$
Keep Split
$$+ + =$$
Make 50

$$49 + 3 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$47 + 4 =$$
Keep Split
$$+ + =$$
Make 50

$$\begin{array}{c} 47 + 7 = \\ \downarrow \\ \downarrow \\ + \\ \hline \text{Make 50} \end{array}$$

$$49 + 8 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (S) Answers

Name:

Date:

$$47 + 9 = \frac{47 + 9}{47 + 3 + 6} = 56$$
Make 50

$$45+6 = 45+6$$

$$45+5+1=51$$

$$\frac{45+5}{\text{Make } 50}$$

$$44 + 9 =$$

Keep Split

 $44 + 6 + 3 = 53$

Make 50

$$46+9=$$

$$\downarrow \qquad \qquad \downarrow$$

$$46+4+5=55$$

$$\frac{46+4}{\text{Make }50}$$

$$49 + 3 =$$
 \downarrow
 $49 + 1 + 2 = 52$

Make 50

$$47 + 4 = \frac{47 + 4}{47 + 3 + 1} = 51$$

Make 50

$$47 + 7 = \frac{47 + 3}{\text{Make } 50} + 4 = 54$$

$$48 + 3 =$$

Keep Split

 $48 + 2 + 1 = 51$

Make 50

$$49 + 8 =$$

Keep Split

 $49 + 1 + 7 = 57$

Make 50

Make Fifty Addition Strategy (T)

Name:

Date:

$$48 + 8 =$$
 \downarrow
 $48 + 2 + 6 = 56$

$$43 + 9 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$46 + 7 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$49 + 7 =$$
Keep Split
$$+ + =$$
Make 50

$$46+5=$$
Keep Split
$$++=$$
Make 50

$$48+7 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad$$

$$44 + 7 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (T) Answers

Name:

Date:

$$48 + 8 = \frac{1}{48 + 2} + 6 = 56$$

Make 50

$$43 + 9 =$$
 \downarrow
 $43 + 7 + 2 = 52$

Make 50

$$49+7=$$

Keep Split

 $49+1+6=56$

Make 50

$$49 + 2 =$$

Keep Split

 $49 + 1 + 1 = 51$

Make 50

$$48+6=$$

Keep Split

 $48+2+4=54$

$$47 + 6 = \frac{47 + 6}{\sqrt{100}} = \frac{47 + 3}{\sqrt{100}} + 3 = 53$$

$$46 + 7 = \frac{1}{100}$$
 $46 + \frac{1}{100}$
 $46 + \frac{1}{100}$

$$46+5=$$

$$\downarrow \qquad \qquad \downarrow$$

$$46+4+1=51$$

$$\frac{46+4}{\text{Make }50}$$

$$48+7 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$48+2+5 = 55$$

$$\frac{48+2}{\text{Make } 50} + 5 = 55$$

$$44 + 7 =$$

Keep Split

 $44 + 6 + 1 = 51$

Make Fifty Addition Strategy (U)

Name:

Date:

$$48 + 5 = \frac{1}{48 + 2} + 3 = 53$$

$$45+9 =$$
Keep Split
$$+ + =$$
Make 50

$$48 + 9 =$$
Keep Split
$$+ + =$$
Make 50

$$\begin{array}{c}
49 + 6 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make } 50
\end{array}$$

$$47 + 8 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \qquad \qquad$$

$$48 + 4 =$$
Keep Split
$$+ + =$$
Make 50

$$46+6 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (U) Answers

Name:

Date:

$$48 + 5 =$$
 \downarrow
 $48 + 2 + 3 = 53$

Make 50

$$47 + 5 = \frac{47 + 3}{47 + 3 + 2} = 52$$

$$49+5=$$

$$\downarrow \qquad \qquad \downarrow$$

$$49+1+4=54$$

$$Make 50$$

$$47 + 8 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$47 + 3 + 5 = 55$$

$$\frac{47 + 3}{\text{Make } 50} + 5 = 55$$

$$48 + 4 =$$

Keep Split

 $48 + 2 + 2 = 52$

Make F0

$$45 + 9 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$45 + 5 + 4 = 54$$

$$Make 50$$

$$48+9=$$

$$\downarrow \qquad \qquad \downarrow$$

$$48+2+7=57$$

$$\frac{48+2}{\text{Make }50}+7=57$$

$$49+6=$$

$$\downarrow \qquad \qquad \downarrow$$

$$49+1+5=55$$

$$\frac{49+1}{\text{Make } 50}$$

$$46 + 8 =$$

$$\downarrow \qquad \qquad \downarrow$$

$$46 + 4 + 4 = 54$$

$$Make 50$$

$$46+6=$$

Keep Split

 $46+4+2=52$

Make Fifty Addition Strategy (V)

Name:

Date:

$$48 + 3 =$$

Keep Split

 $48 + 2 + 1 = 51$

$$48 + 7 =$$
Keep Split
$$+ + =$$
Make 50

$$\begin{array}{c} 47 + 7 = \\ \downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \\ + \qquad \qquad + \qquad = \\ \hline \text{Make 50} \end{array}$$

$$45 + 8 =$$
Keep Split
$$+ + =$$
Make 50

$$45 + 7 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad$$

$$49 + 8 =$$
Keep Split
$$+ + =$$
Make 50

$$46+6 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (V) Answers

Name:

Date:

$$48 + 3 = \frac{1}{48 + 2} + 1 = 51$$

$$47 + 7 = \frac{1}{100}$$
 $47 + \frac{1}{100}$
 $47 + \frac{1}{100}$

$$49 + 2 = \frac{49 + 2}{49 + 1 + 1} = 51$$

$$45 + 7 =$$

Keep Split

 $45 + 5 + 2 = 52$

Make 50

$$47 + 5 =$$

Keep Split

 $47 + 3 + 2 = 52$

$$48+7=$$
 \downarrow
 $48+2+5=55$

Make 50

$$45 + 8 = \frac{1}{45 + 5} + 3 = 53$$

Keep Split

 $45 + 5 + 3 = 53$

$$48+5=$$

$$\downarrow \qquad \qquad \downarrow$$

$$48+2+3=53$$

$$\frac{48+2}{\text{Make }50}+3=53$$

$$49 + 8 =$$

Keep Split

 $49 + 1 + 7 = 57$

Make 50

$$46+6=$$

Keep Split

 $46+4+2=52$

Make Fifty Addition Strategy (W)

Name:

Date:

$$49 + 9 =$$

Keep Split

 $49 + 1 + 8 = 58$

$$46+9=$$
Keep Split
$$++=$$
Make 50

$$48 + 8 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

$$44 + 7 =$$
Keep Split
$$+ + =$$
Make 50

$$47 + 6 =$$
Keep Split
$$+ + =$$
Make 50

Make Fifty Addition Strategy (W) Answers

Name:

Date:

Make fifty to help you calculate each sum.

49 + 6 =

$$49+9=$$

Keep Split

 $49+1+8=58$

Keep Split
$$49+1+8=58$$

$$49+1+5=55$$
Make 50

$$44 + 9 =$$

Keep Split

 $44 + 6 + 3 = 53$

Make 50

$$46+9=$$

$$\downarrow \qquad \qquad \downarrow$$

$$46+4+5=55$$

$$\frac{46+4}{\text{Make }50}$$

$$48 + 8 = \frac{1}{48 + 2 + 6} = \frac{1}{48 + 2 + 6} = \frac{1}{56}$$

$$43+9=$$

$$\downarrow \qquad \qquad \downarrow$$

$$43+7+2=52$$

$$\frac{43+7}{\text{Make }50}$$

$$49 + 3 =$$
 $\downarrow \qquad \qquad \downarrow$
 $49 + 1 + 2 = 52$
 $Make 50$

$$44 + 7 =$$

Keep Split

 $44 + 6 + 1 = 51$

Make 50

$$47 + 8 = \frac{47 + 3}{47 + 3 + 5} = 55$$

$$47 + 6 = \frac{47 + 6}{47 + 3 + 3} = 53$$

Make 50

Make Fifty Addition Strategy (X)

Name:

Date:

$$49 + 4 =$$

Keep Split

 $49 + 1 + 3 = 53$

$$48+9 = \frac{1}{1000}$$
Keep Split
$$\frac{1}{1000} + \frac{1}{1000} = \frac{1}{1000}$$
Make 50

$$44 + 8 =$$
Keep Split
$$+ + =$$
Make 50

$$\begin{array}{c}
49 + 5 = \\
\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 50
\end{array}$$

$$46 + 7 =$$
Keep Split
$$+ + =$$
Make 50

$$46+5=$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow$$

$$47 + 4 =$$
Keep Split
$$+ + =$$
Make 50

$$46 + 8 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad$$

$$47 + 9 =$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \qquad \qquad \downarrow \qquad \qquad$$

Make Fifty Addition Strategy (X) Answers

Name:

Date:

$$49 + 4 = \frac{49 + 4}{\sqrt{1000}} = \frac{49 + 1}{\sqrt{1000}} = \frac{49 + 3}{\sqrt{1000}} = \frac{53}{\sqrt{1000}}$$

$$44 + 8 =$$

Keep Split

 $44 + 6 + 2 = 52$

Make 50

$$49 + 5 = \frac{49 + 5}{49 + 1 + 4} = 54$$

Make 50

$$46+5=$$
 $46+5=$
 $46+4+1=51$

$$46 + 8 = \frac{1}{46 + 4} + 4 = 54$$
Make 50

$$48+9=$$
 \downarrow
 $48+2+7=57$

Make 50

$$42 + 9 =$$

Keep Split

 $42 + 8 + 1 = 51$

Make 50

$$46+7 = 46+7$$

$$46+4+3=53$$

$$\frac{46+4+3}{46+4+3}=53$$

$$47 + 4 = \frac{47 + 4}{47 + 3 + 1} = 51$$

$$47 + 9 =$$

Keep Split

 $47 + 3 + 6 = 56$