Make Twenty Addition Strategy (A)

Name:

Date:

$$17 + 8 = \frac{17 + 3}{17 + 3 + 5} = 25$$

$$\begin{array}{c}
15+6 = \\
\text{Keep Split} \\
+ + = \\
\hline
\text{Make 20}
\end{array}$$

$$18+4=$$

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

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

$$\frac{\text{Make 20}}{}$$

$$\begin{array}{c}
13 + 8 = \\
\text{Keep Split} \\
+ + = \\
\hline
\text{Make 20}
\end{array}$$

Make Twenty Addition Strategy (A) Answers

Name:

Date:

$$19+3=$$
 \downarrow
 $19+1+2=22$

Make 20

$$15+6=$$

Keep Split

 $15+5+1=21$

Make 20

$$\begin{array}{c}
16+5 = \\
\downarrow \qquad \qquad \downarrow \\
\underline{16+4}+1 = 21
\end{array}$$

$$19+7=$$

Keep Split

 $19+1+6=26$

Make 20

$$\begin{array}{c}
 18 + 7 = \\
 \downarrow \qquad \qquad \downarrow \\
 18 + 2 + 5 = 25
 \end{array}$$
Make 20

$$18+4=$$

Keep Split

 $18+2+2=22$

Make 20

$$\begin{array}{c}
16+6 = \\
\downarrow \qquad \qquad \downarrow \\
16+4+2 = 22
\end{array}$$

$$\begin{array}{c}
16+4 + 2 = 22
\end{array}$$

$$13 + 8 =$$

Keep Split

 $13 + 7 + 1 = 21$

Make 20

$$17 + 7 =$$

Keep Split

 $17 + 3 + 4 = 24$

Make 20

Make Twenty Addition Strategy (B)

Name:

Date:

$$14 + 7 =$$

Keep Split

 $14 + 6 + 1 = 21$

$$\begin{array}{c}
19+5 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
19+6 = \\
 & \downarrow \\
 & \downarrow \\
 & + \\
 & \downarrow \\$$

$$\begin{array}{c}
12 + 9 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

Make Twenty Addition Strategy (B) Answers

Name:

Date: ____

$$14 + 7 =$$

Keep Split

 $14 + 6 + 1 = 21$

Make 20

$$18+9=$$
 $18+9=$
 $18+2+7=27$
 $18+2+7=27$

$$19+6=$$

Keep Split

 $19+1+5=25$

Make 20

$$19+2=$$
 \downarrow
 $19+1+1=21$

Make 20

$$16+7=$$
 \downarrow
 $16+4+3=23$

Make 20

$$16 + 8 = \frac{16 + 8}{\sqrt{16 + 4} + 4} = 24$$

$$19+5=$$
 \downarrow
 $19+1+4=24$

Make 20

$$\begin{array}{c}
12+9 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{12+8} + 1 = 21
\end{array}$$

$$\underline{12+8}_{\text{Make 20}} + 1 = 21$$

$$\begin{array}{c}
19+4 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{19+1}+3 = 23
\end{array}$$

$$\begin{array}{c}
19+4 = \\
Make 20
\end{array}$$

$$17 + 4 =$$

Keep Split

 $17 + 3 + 1 = 21$

Make Twenty Addition Strategy (C)

Name:

Date:

$$15+7=$$

Keep Split

 $15+5+2=22$

$$\begin{array}{c}
19 + 8 = \\
 & \downarrow \\
 & \downarrow \\
 & + \\
 & \downarrow \\
 & \downarrow$$

$$\begin{array}{c}
15 + 9 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

$$18 + 3 =$$

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

Make Twenty Addition Strategy (C) Answers

Name:

Date:

$$15+7=$$

Keep Split

 $15+5+2=22$

Make 20

$$\frac{15+5}{Make 20} + 2 - 22$$
 $\frac{19+8}{Make 20} = \frac{1}{1}$

$$\begin{array}{ccc}
19 + 0 \\
\downarrow & \downarrow \\
19 + 1 + 7 = 27
\end{array}$$
Make 20

$$15 + 8 =$$
 \downarrow
 $15 + 5 + 3 = 23$

Make 20

$$18 + 3 = \frac{18 + 3}{18 + 2 + 1} = 21$$

$$18 + 8 =$$

Keep Split

 $18 + 2 + 6 = 26$

Make 20

$$18+6=$$
 \downarrow
 $18+2+4=24$

Make 20

$$\begin{array}{c}
15+9 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{15+5}+4 = 24
\end{array}$$
Make 20

$$\begin{array}{c}
18+5 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{18+2}+3 = 23
\end{array}$$

$$\underline{18+2} + 3 = 23$$

$$14 + 8 =$$

Keep Split

 $14 + 6 + 2 = 22$

Make 20

$$17 + 9 =$$

Keep Split

 $17 + 3 + 6 = 26$

Make 20

Make Twenty Addition Strategy (D)

Name:

Date:

$$18+9=$$
 \downarrow
 $18+2+7=27$

$$\begin{array}{c}
19+9 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
18 + 8 = \\
 & \downarrow \\
 & \downarrow \\
 & + \\
 & \downarrow \\
 & \downarrow$$

$$\begin{array}{c}
18+5 = \\
 & \downarrow \\
 & \downarrow \\
 & + \\
 & \downarrow \\
 & \downarrow \\
 & \downarrow \\
 & Make 20
\end{array}$$

$$\begin{array}{c}
15 + 9 = \\
\downarrow & \downarrow \\
+ & + = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{ccc}
17 + 5 &= \\
& & \downarrow \\
& \downarrow \\
& + \\
& & + \\
& & = \\
\end{array}$$
Make 20

Make Twenty Addition Strategy (D) Answers

Name:

Date: ____

$$18+9=$$
 \downarrow
 $18+2+7=27$

Make 20

$$19+9=$$
 \downarrow
 $19+1+8=28$

$$18 + 8 = \frac{18 + 8}{18 + 2} + 6 = 26$$
Make 20

$$13 + 9 =$$

Keep Split

 $13 + 7 + 2 = 22$

Make 20

$$18+5 = \\
\downarrow \qquad \qquad \downarrow \\
18+2+3 = 23$$

$$Make 20$$

$$19 + 8 = \frac{19 + 8}{19 + 1} + 7 = 27$$

Make 20

$$15 + 8 =$$
 \downarrow
 $15 + 5 + 3 = 23$
 $Make 20$

$$14 + 7 =$$

Keep Split

 $14 + 6 + 1 = 21$

Make 20

$$\begin{array}{c}
15+9=\\
\downarrow \qquad \qquad \downarrow \\
15+5+4=24
\end{array}$$

$$17 + 5 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
17 + 3 + 2 = 22$$
Make 20

Make Twenty Addition Strategy (E)

Name:

Date:

$$17 + 6 = \frac{17 + 6}{17 + 3 + 3} = 23$$

Make 20

$$\begin{array}{ccc}
17 + 9 &= \\
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\text{Keep} & \text{Split} \\
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$$\begin{array}{c}
15+6 = \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{ccc}
19 + 5 & = \\
& \downarrow & \downarrow \\
& + & + \\
& & \downarrow \\
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$$\begin{array}{c}
13 + 8 = \\
\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
19 + 3 = \\
\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

Make Twenty Addition Strategy (E) Answers

Name:

Date: ____

$$17 + 6 = \frac{17 + 6}{\sqrt{17 + 3} + 3} = 23$$

Make 20

$$\begin{array}{c}
17+9 = \\
\downarrow \qquad \qquad \downarrow \\
17+3+6 = 26
\end{array}$$
Make 20

$$19+4=$$

Keep Split

 $19+1+3=23$

Make 20

$$14 + 8 =$$

Keep Split

 $14 + 6 + 2 = 22$

Make 20

$$\begin{array}{c}
15+6 = \\
\downarrow & \downarrow \\
15+5 + 1 = 21
\end{array}$$

$$\begin{array}{c}
15+20 + 1 = 21 \\
\hline
\end{array}$$

$$\begin{array}{c}
19+5 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{19+1}+4 = 24
\end{array}$$

$$13 + 8 =$$
 $\downarrow \qquad \qquad \downarrow$
 $13 + 7 + 1 = 21$
 $Make 20$

$$19+6=$$

Keep Split

 $19+1+5=25$

Make 20

$$18+4=$$

Keep Split

 $18+2+2=22$

$$19+3=$$

Keep Split

 $19+1+2=22$

Make 20

Make Twenty Addition Strategy (F)

Name:

Date:

$$19 + 2 =$$
 \downarrow
 $19 + 1 + 1 = 21$

$$\begin{array}{ccc}
17 + 4 & = \\
& \downarrow & \downarrow \\
& \downarrow & \downarrow \\
& + & + & = \\
\hline
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$$\begin{array}{c}
16+5 = \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
16 + 8 = \\
\text{Keep Split} \\
+ + = \\
\frac{\text{Make 20}}{}
\end{array}$$

$$\begin{array}{c}
17 + 8 = \\
 & \downarrow \\
 & \downarrow \\
 & + \\
 & \downarrow \\
 & Make 20
\end{array}$$

Make Twenty Addition Strategy (F) Answers

Name:

Date:

$$19+2=$$

Keep Split

 $19+1+1=21$

Make 20

$$17 + 4 = \frac{17 + 3}{17 + 3 + 1} = 21$$

$$16+9=$$

Keep Split

 $16+4+5=25$

Make 20

$$\begin{array}{c}
16+5=\\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{16+4}+1=21
\end{array}$$

$$\begin{array}{c}
16+4=21
\end{array}$$

$$17 + 8 =$$

Keep Split

 $17 + 3 + 5 = 25$

Make 20

$$\begin{array}{c}
18+6 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{18+2}+4 = 24
\end{array}$$

$$\begin{array}{c}
18+2 + 4 = 24
\end{array}$$

$$18 + 3 =$$

Keep Split

 $18 + 2 + 1 = 21$

Make 20

$$\begin{array}{c}
12+9 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{12+8} + 1 = 21
\end{array}$$

$$\underline{12+8}_{\text{Make 20}} + 1 = 21$$

$$16 + 8 =$$

Keep Split

 $16 + 4 + 4 = 24$

Make 20

$$18+7=$$

Keep Split

 $18+2+5=25$

Make 20

Make Twenty Addition Strategy (G)

Name:

Date:

$$19+9=$$

Keep Split

 $19+1+8=28$

$$\begin{array}{c}
18 + 5 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
14 + 7 = \\
\text{Keep Split} \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad \qquad = \\
\hline
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
17 + 5 = \\
\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20$$

$$\begin{array}{c}
13 + 9 = \\
\downarrow & \downarrow \\
+ + = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
13 + 8 = \\
\text{Keep Split} \\
+ + = \\
\hline
\text{Make 20}
\end{array}$$

Make Twenty Addition Strategy (G) Answers

Name:

Date:

$$19+9=$$

Keep Split

 $19+1+8=28$

Make 20

$$18+5=$$
 \downarrow
 $18+2+3=23$

Make 20

$$14 + 7 =$$

Keep Split

 $14 + 6 + 1 = 21$

Make 20

$$18 + 3 =$$

Keep Split

 $18 + 2 + 1 = 21$

Make 20

$$17 + 5 = \frac{17 + 5}{17 + 3 + 2} = 22$$

Make 20

$$13 + 9 =$$
 \downarrow
 $13 + 7 + 2 = 22$
 $Make 20$

$$15+7=$$
 \downarrow
 $15+5+2=22$

Make 20

$$\begin{array}{c}
13 + 8 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{13 + 7} + 1 = 21 \\
\underline{\text{Make 20}}$$

$$16+6=$$

Keep Split

 $16+4+2=22$

Make 20

$$\begin{array}{c}
14+9 = \\
\downarrow \qquad \qquad \downarrow \\
\underline{14+6} + 3 = 23
\end{array}$$

$$\begin{array}{c}
14+9 = \\
Make 20
\end{array}$$

Make Twenty Addition Strategy (H)

Name:

Date:

$$15 + 8 =$$
 \downarrow
 $15 + 5 + 3 = 23$

$$\begin{array}{ccc}
17 + 7 = \\
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$$\begin{array}{c}
16+5 = \\
\text{Keep Split} \\
+ + = \\
\frac{\text{Make 20}}{}
\end{array}$$

$$\begin{array}{c}
19+5 = \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
19 + 8 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

Make Twenty Addition Strategy (H) Answers

Name:

Date:

$$15 + 8 = \frac{15 + 8}{15 + 5} = \frac{15 + 5}{15 + 3} = \frac{23}{23}$$

$$17 + 7 = \frac{17 + 3}{\text{Make 20}} + 4 = 24$$

$$19+4=$$

Keep Split

 $19+1+3=23$

Make 20

$$19+5=$$
 \downarrow
 $19+1+4=24$
 $Make 20$

$$18+6=$$

Keep Split

 $18+2+4=24$

$$19+7=$$

Keep Split

 $19+1+6=26$

Make 20

$$16+5=$$

Keep Split

 $16+4+1=21$

Make 20

$$\begin{array}{c}
17+9 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{17+3}+6 = 26
\end{array}$$

$$\begin{array}{c}
18+3 + 6 = 26
\end{array}$$

$$18+7=$$
 \downarrow
 $18+2+5=25$

Make 20

$$19 + 8 =$$

Keep Split

 $19 + 1 + 7 = 27$

Make 20

Make Twenty Addition Strategy (I)

Name:

Date:

$$15+6=$$
 \downarrow
 $15+5+1=21$

$$\begin{array}{c}
15+9 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
19 + 2 = \\
\downarrow & \downarrow \\
+ + = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{ccc}
17 + 4 & = & \\
\downarrow & \downarrow & \downarrow \\
 & + & + & = \\
\hline
Make 20 & & & \\
\end{array}$$

$$\begin{array}{c}
12 + 9 = \\
 & \downarrow \\
 & \downarrow \\
 & + \\
 & \downarrow \\
 & Make 20
\end{array}$$

Make Twenty Addition Strategy (I) Answers

Name:

Date: ____

$$\begin{array}{c}
15+6 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{15+5}+1 = 21
\end{array}$$
Make 20

$$\begin{array}{c}
15+9 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
15+5+4 = 24
\end{array}$$

$$\begin{array}{c}
15+20 + 4 = 24 \\
\hline
\end{array}$$

$$16 + 8 = \frac{16 + 8}{\sqrt{16 + 4} + 4} = 24$$

$$18 + 8 =$$

Keep Split

 $18 + 2 + 6 = 26$

Make 20

$$\begin{array}{c}
16+9 = \\
\downarrow \qquad \qquad \downarrow \\
\underline{16+4}+5 = 25
\end{array}$$

$$\begin{array}{c}
16+20 + 5 = 25
\end{array}$$

$$19 + 2 =$$

Keep Split

 $19 + 1 + 1 = 21$

Make 20

$$17 + 4 =$$

Keep Split

 $17 + 3 + 1 = 21$

Make 20

$$17 + 6 = \frac{17 + 6}{17 + 3 + 3} = \frac{23}{123}$$

$$12 + 9 =$$

Keep Split

 $12 + 8 + 1 = 21$

Make 20

$$\begin{array}{c}
18+9 = \\
\downarrow \qquad \qquad \downarrow \\
18+2+7 = 27
\end{array}$$

$$\begin{array}{c}
18+2+7 = 27
\end{array}$$

Make Twenty Addition Strategy (J)

Name:

Date:

$$17 + 7 =$$

Keep Split

 $17 + 3 + 4 = 24$

Make 20

$$\begin{array}{c}
19+2 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
15 + 7 = \\
\text{Keep Split} \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad \qquad \qquad = \\
\hline
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
16+5 = \\
\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
13 + 8 = \\
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 & \downarrow \\
 & Make 20
\end{array}$$

$$\begin{array}{c}
13 + 9 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

Make Twenty Addition Strategy (J) Answers

Name:

Date:

$$17 + 7 = \frac{17 + 3}{\text{Make } 20} + 4 = 24$$

$$19+2=$$
 \downarrow
 $19+1+1=21$

Make 20

$$15+7=$$

Keep Split

 $15+5+2=22$

Make 20

$$16+7 = \frac{16+7}{16+4+3} = \frac{23}{16+4+3}$$

$$16+5=$$
 \downarrow
 $16+4+1=21$

Make 20

$$18+3=$$

Keep Split

 $18+2+1=21$

Make 20

$$14 + 7 =$$

Keep Split

 $14 + 6 + 1 = 21$

Make 20

$$\begin{array}{c}
16 + 8 = \\
\downarrow \qquad \qquad \downarrow \\
16 + 4 + 4 = 24
\end{array}$$

$$\begin{array}{c}
16 + 4 = 24
\end{array}$$

$$13 + 8 =$$

Keep Split

 $13 + 7 + 1 = 21$

Make 20

$$\begin{array}{c}
13+9 = \\
\downarrow & \downarrow \\
\underline{13+7}+2 = 22
\end{array}$$
Make 20

Make Twenty Addition Strategy (K)

Name:

Date:

$$18 + 4 =$$
 \downarrow
 $18 + 2 + 2 = 22$

$$\begin{array}{c}
15+9 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
16+9 = \\
 & \downarrow \\
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$$\begin{array}{c}
18 + 7 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
15 + 8 = \\
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$$\begin{array}{c}
12 + 9 = \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
18+9 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

Make Twenty Addition Strategy (K) Answers

Name:

Date:

Make twenty to help you calculate each sum.

15+9=

$$18+4=$$

Keep Split

 $18+2+2=22$

$$16+9=$$
 \downarrow
 $16+4+5=25$

Make 20

$$18+7=$$
 \downarrow
 $18+2+5=25$

Make 20

$$15 + 8 =$$
 \downarrow
 $15 + 5 + 3 = 23$
 $Make 20$

$$19 + 8 = \frac{19 + 8}{19 + 1} + 7 = 27$$

Make 20

$$19+7=$$
 \downarrow
 $19+1+6=26$

$$\begin{array}{c}
12+9 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
12+8 + 1 = 21
\end{array}$$

$$\begin{array}{c}
12+8 + 1 = 21
\end{array}$$

$$17 + 9 = \frac{17 + 9}{17 + 3 + 6} = \frac{26}{26}$$

$$18+9=$$

Keep Split

 $18+2+7=27$

Make 20

Make Twenty Addition Strategy (L)

Name:

Date:

$$19+4=$$
 \downarrow
 $19+1+3=23$

$$\begin{array}{c}
17 + 4 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
15+6 = \\
 & \downarrow \\
 & \downarrow \\
 & + \\
 & \downarrow \\$$

$$\begin{array}{c}
18 + 8 = \\
\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

Make Twenty Addition Strategy (L) Answers

Name:

Date:

$$19+4=$$

Keep Split

 $19+1+3=23$

Make 20

$$\begin{array}{c}
17+4 = \\
\downarrow \qquad \qquad \downarrow \\
17+3+1 = 21
\end{array}$$

$$\begin{array}{c}
18+3+1 = 21
\end{array}$$

$$15+6=$$

Keep Split

 $15+5+1=21$

Make 20

$$17 + 8 = \frac{17 + 8}{17 + 3 + 5} = 25$$
Make 20

$$\begin{array}{c}
 19 + 9 = \\
 \downarrow & \downarrow \\
 19 + 1 + 8 = 28 \\
 \hline
 Make 20
 \end{array}$$

$$\begin{array}{c}
16+6 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{16+4}+2 = 22
\end{array}$$

$$\underline{\text{Make 20}}$$

$$18 + 8 =$$
 \downarrow
 $18 + 2 + 6 = 26$
 $Make 20$

$$14 + 8 =$$

Keep Split

 $14 + 6 + 2 = 22$

Make 20

$$19+5=$$

Keep Split

 $19+1+4=24$

Make 20

$$14+9=$$

Keep Split

 $14+6+3=23$

Make 20

Make Twenty Addition Strategy (M)

Name:

Date:

$$14 + 7 =$$

Keep Split

 $14 + 6 + 1 = 21$

$$\begin{array}{c}
18+9 = \\
\text{Keep Split} \\
+ + = \\
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
17 + 5 = \\
\text{Keep Split} \\
\downarrow \qquad \qquad \downarrow \\
\underline{\qquad \qquad + \qquad \qquad + \qquad = }
\end{array}$$

$$\begin{array}{c}
\text{Make 20} \\
\end{array}$$

$$\begin{array}{c}
18 + 7 = \\
\text{Keep Split} \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
19 + 3 = \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

Make Twenty Addition Strategy (M) Answers

Name:

Date: ____

$$14 + 7 =$$

Keep Split

 $14 + 6 + 1 = 21$

Make 20

$$\begin{array}{c}
18+9 = \\
\downarrow \qquad \qquad \downarrow \\
\underline{18+2}+7 = 27
\end{array}$$

$$\underline{18+2}+7 = 27$$

$$17 + 5 = \frac{17 + 3}{17 + 3 + 2} = 22$$

$$\begin{array}{c}
16+7 = \\
\downarrow \qquad \qquad \downarrow \\
\underline{16+4}+3 = 23
\end{array}$$

$$18+7=$$
 \downarrow
 $18+2+5=25$

Make 20

$$16+6=$$

Keep Split

 $16+4+2=22$

Make 20

$$19+3=$$
 $19+3=$
 $19+1+2=22$
 $19+1+2=22$

$$15 + 8 =$$

Keep Split

 $15 + 5 + 3 = 23$

Make 20

$$19+9=$$

Keep Split

 $19+1+8=28$

Make 20

$$\begin{array}{c}
15+9 = \\
\downarrow & \downarrow \\
\underline{15+5} + 4 = 24
\end{array}$$

$$\begin{array}{c}
15+3 = 24
\end{array}$$

Make Twenty Addition Strategy (N)

Name:

Date:

$$19+5=$$

Keep Split

 $19+1+4=24$

$$\begin{array}{cccc}
17 + 4 & = & \\
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$$\begin{array}{c}
13 + 9 = \\
\downarrow & \downarrow \\
+ + = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
16+9 = \\
\text{Keep Split} \\
+ + = \\
\frac{\text{Make 20}}{}
\end{array}$$

Make Twenty Addition Strategy (N) Answers

Name:

Date:

$$\begin{array}{c}
19+5 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{19+1}+4 = 24
\end{array}$$

$$17 + 4 = \frac{17 + 3}{17 + 3 + 1} = 21$$

$$15+7=$$

Keep Split

 $15+5+2=22$

Make 20

$$18+6=$$

Keep Split

 $18+2+4=24$

$$\begin{array}{c}
13 + 8 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{13 + 7} + 1 = 21
\end{array}$$

$$\underline{13 + 8} = 1$$

$$\underline{13 + 8} = 1$$

$$\underline{13 + 20} = 21$$

$$\begin{array}{c}
18+4 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
18+2+2 = 22
\end{array}$$

$$\begin{array}{c}
18+2+2 = 22
\end{array}$$

$$\begin{array}{c}
13+9 = \\
\downarrow \qquad \qquad \downarrow \\
\underline{13+7}+2 = 22
\end{array}$$

$$\underline{13+20} + 2 = 22$$

$$16+9=$$

Keep Split

 $16+4+5=25$

Make 20

$$16+5=$$

Keep Split

 $16+4+1=21$

Make Twenty Addition Strategy (0)

Name:

Date:

$$18 + 8 = \frac{18 + 8}{\sqrt{18 + 2} + 6} = 26$$

$$\begin{array}{c}
19 + 8 = \\
 & \downarrow \\
 & \downarrow \\
 & + \\
 & \downarrow \\
 & \downarrow$$

$$\begin{array}{c}
18 + 3 = \\
\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
16 + 8 = \\
 & \downarrow \\
 & \downarrow \\
 & + \\
 & \downarrow \\
 & Make 20
\end{array}$$

$$\begin{array}{c}
14+9 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

Make Twenty Addition Strategy (0) Answers

Name:

Date:

$$18 + 8 = \frac{18 + 8}{18 + 2} + 6 = 26$$
Make 20

$$19 + 8 =$$
 \downarrow
 $19 + 1 + 7 = 27$
 $Make 20$

$$14 + 8 = \frac{14 + 8}{14 + 6} = 22$$

Make 20

$$18+3=$$

Keep Split

 $18+2+1=21$

Make 20

$$16 + 8 = \frac{16 + 8}{16 + 4} = \frac{16 + 4}{16 + 4} = \frac{24}{16 + 4}$$

$$\begin{array}{c}
15+6 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{15+5}+1 = 21
\end{array}$$

$$\begin{array}{c}
15+6 = \\
15+2 = 21
\end{array}$$

$$19+4=$$

Keep Split

 $19+1+3=23$

Make 20

$$\begin{array}{c}
17+9 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{17+3}+6 = 26
\end{array}$$

$$\begin{array}{c}
18+3 + 6 = 26
\end{array}$$

$$17 + 6 =$$

Keep Split

 $17 + 3 + 3 = 23$

Make 20

$$14+9=$$

Keep Split

 $14+6+3=23$

Make Twenty Addition Strategy (P)

Name:

Date:

$$19 + 8 =$$
 \downarrow
 $19 + 1 + 7 = 27$

$$\begin{array}{c}
16 + 8 = \\
\text{Keep Split} \\
\downarrow \qquad \downarrow \qquad \qquad \\
+ \qquad + \qquad = \\
\hline
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
19+9 = \\
\downarrow & \downarrow \\
+ + = \\
\hline
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
16+5 = \\
\text{Keep Split} \\
\downarrow \qquad \downarrow \qquad \qquad \\
+ \qquad \qquad + \qquad = \\
\hline
\text{Make 20}$$

$$13 + 9 =$$

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

$$\begin{array}{c}
17 + 9 = \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
15 + 9 = \\
\text{Keep Split} \\
+ + = \\
\hline
\text{Make 20}
\end{array}$$

Make Twenty Addition Strategy (P) Answers

Name:

Date:

$$14 + 8 =$$

Keep Split

 $14 + 6 + 2 = 22$

Make 20

$$16+8=$$
 \downarrow
 $16+4+4=24$

$$19 + 2 =$$

Keep Split

 $19 + 1 + 1 = 21$

Make 20

$$19+9=$$

Keep Split

 $19+1+8=28$

Make 20

$$\begin{array}{c}
16+5 = \\
\downarrow \qquad \qquad \downarrow \\
\underline{16+4}+1 = 21
\end{array}$$
Make 20

$$17 + 9 = \frac{17 + 9}{17 + 3 + 6} = \frac{26}{17 + 3}$$

$$\begin{array}{c}
15+9=\\
\downarrow \qquad \qquad \downarrow \\
15+5+4=24
\end{array}$$

$$17 + 7 =$$

Keep Split

 $17 + 3 + 4 = 24$

Make 20

Make Twenty Addition Strategy (Q)

Name:

Date:

$$19+5=$$

Keep Split

 $19+1+4=24$

$$\begin{array}{c}
12+9 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

Make Twenty Addition Strategy (Q) Answers

Name:

Date:

$$19+5=$$

Keep Split

 $19+1+4=24$

Make 20

$$14 + 7 = \frac{14 + 7}{14 + 6} + 1 = 21$$

Make 20

$$18+7=$$

Keep Split

 $18+2+5=25$

Make 20

$$15 + 8 =$$

Keep Split

 $15 + 5 + 3 = 23$

Make 20

$$\begin{array}{c}
17 + 5 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
17 + 3 + 2 = 22
\end{array}$$
Make 20

$$\begin{array}{c}
18+3 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{18+2}+1 = 21
\end{array}$$

$$\begin{array}{c}
18+2 + 1 = 21
\end{array}$$

$$19+4=$$

Keep Split

 $19+1+3=23$

Make 20

$$\begin{array}{c}
19+6 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{19+1}+5 = 25
\end{array}$$

$$\begin{array}{c}
19+6 = \\
\underline{19+5} = 25
\end{array}$$

$$\begin{array}{c}
18+5 = \\
\downarrow \qquad \qquad \downarrow \\
18+2+3 = 23 \\
\hline
Make 20
\end{array}$$

$$12 + 9 =$$

Keep Split

 $12 + 8 + 1 = 21$

Make 20

Make Twenty Addition Strategy (R)

Name:

Date:

$$17 + 8 =$$

Keep Split

 $17 + 3 + 5 = 25$

Make 20

$$\begin{array}{c}
18+6 = \\
\text{Keep Split} \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
18+9 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\frac{\text{Make 20}}{}
\end{array}$$

$$\begin{array}{c}
15+6 = \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
17 + 4 = \\
\text{Keep Split} \\
+ + = \\
\hline
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
17+6 = \\
\text{Keep Split} \\
+ + = \\
\frac{\text{Make 20}}{}
\end{array}$$

Make Twenty Addition Strategy (R) Answers

Name:

Date:

$$18+6=$$
 \downarrow
 $18+2+4=24$

Make 20

$$16+9=$$
 $16+9=$
 $16+4+5=25$
 $16+4+5=25$

$$18+4=$$
 \downarrow
 $18+2+2=22$

Make 20

$$\begin{array}{c}
17 + 4 = \\
\downarrow \qquad \qquad \downarrow \\
17 + 3 + 1 = 21
\end{array}$$
Make 20

$$13 + 8 =$$

Keep Split

 $13 + 7 + 1 = 21$

Make 20

$$\begin{array}{c}
18+9 = \\
\downarrow \qquad \qquad \downarrow \\
18+2+7 = 27
\end{array}$$

$$\underline{18+2}+7 = 27$$
Make 20

$$\begin{array}{c}
16+6 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{16+4}+2 = 22
\end{array}$$

$$15+6=$$

Keep Split

 $15+5+1=21$

Make 20

$$17 + 6 =$$

Keep Split

 $17 + 3 + 3 = 23$

Make 20

Make Twenty Addition Strategy (S)

Name:

Date:

$$16+9=$$

Keep Split

 $16+4+5=25$

$$\begin{array}{c}
19 + 8 = \\
\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
17 + 5 = \\
\text{Keep Split} \\
+ + = \\
\hline
\text{Make 20}
\end{array}$$

Make Twenty Addition Strategy (S) Answers

Name:

Date:

$$16+9=$$
 \downarrow
 $16+4+5=25$

Make 20

$$19+4=$$
 \downarrow
 $19+1+3=23$

Make 20

$$\begin{array}{c}
16+8 = \\
\downarrow \qquad \qquad \downarrow \\
\underline{16+4}+4 = 24
\end{array}$$

$$\begin{array}{c}
18+6 = \\
\downarrow \qquad \qquad \downarrow \\
\underline{18+2}+4 = 24
\end{array}$$

$$\begin{array}{c}
18+2 + 4 = 24
\end{array}$$

$$13 + 8 =$$

Keep Split

 $13 + 7 + 1 = 21$

Make 20

$$17 + 5 = \frac{17 + 5}{17 + 3 + 2} = 22$$

$$\begin{array}{c}
15+6 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
15+5 + 1 = 21
\end{array}$$

$$\begin{array}{c}
15+6 = \\
Make 20
\end{array}$$

$$18+5=$$

Keep Split

 $18+2+3=23$

Make 20

$$19+3=$$

Keep Split

 $19+1+2=22$

Make 20

Make Twenty Addition Strategy (T)

Name:

Date:

$$14 + 9 =$$

Keep Split

 $14 + 6 + 3 = 23$

$$\begin{array}{c}
17 + 9 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
15 + 9 = \\
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 + \qquad + \qquad = \\
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$$\begin{array}{c}
19+6 = \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
13 + 9 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

Make Twenty Addition Strategy (T) Answers

Name:

Date: ____

$$14 + 9 = \frac{14 + 9}{14 + 6} = \frac{14 + 3}{14 + 6} = \frac{23}{14 + 3}$$

$$17 + 9 = \frac{17 + 3}{\text{Make 20}} + 6 = 26$$

$$15+9=$$

Keep Split

 $15+5+4=24$

Make 20

$$\begin{array}{c}
19+5 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{19+1}+4 = 24
\end{array}$$

$$19+2=$$

Keep Split

 $19+1+1=21$

Make 20

$$17 + 8 = \frac{17 + 8}{17 + 3 + 5} = 25$$
Make 20

$$19+6=$$
 \downarrow
 $19+1+5=25$
 $19+1+5=25$

$$17 + 4 =$$

Keep Split

 $17 + 3 + 1 = 21$

Make 20

$$14 + 8 = \frac{14 + 8}{14 + 6} = 22$$

Make 20

$$\begin{array}{c}
13+9 = \\
\downarrow \qquad \qquad \downarrow \\
\underline{13+7}+2 = 22
\end{array}$$

$$\underline{\text{Make 20}}$$

Make Twenty Addition Strategy (U)

Name:

Date:

$$18 + 4 =$$
 \downarrow
 $18 + 2 + 2 = 22$

$$\begin{array}{c}
16+5 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
18 + 9 = \\
 & \downarrow \\
 & \downarrow \\
 & + \\
 & \downarrow \\
 & \downarrow$$

$$\begin{array}{c}
19 + 9 = \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
16 + 7 = \\
\text{Keep Split} \\
+ + = \\
\frac{\text{Make 20}}{}
\end{array}$$

$$\begin{array}{c}
18 + 8 = \\
\text{Keep Split} \\
+ + = \\
\frac{\text{Make 20}}{}
\end{array}$$

Make Twenty Addition Strategy (U) Answers

Name:

Date:

$$18+4=$$
 \downarrow
 $18+2+2=22$

$$18+9=$$
 $18+9=$
 $18+2+7=27$
 $18+2+7=27$

$$15 + 7 =$$

Keep Split

 $15 + 5 + 2 = 22$

Make 20

$$15 + 8 = \frac{15 + 8}{15 + 5 + 3} = 23$$
Make 20

$$18 + 8 =$$

Keep Split

 $18 + 2 + 6 = 26$

Make 30

$$16+5=$$

Keep Split

 $16+4+1=21$

Make 20

$$14 + 7 =$$

Keep Split

 $14 + 6 + 1 = 21$

Make 20

$$\begin{array}{c}
19+9 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{19+1}+8 = 28
\end{array}$$

$$16+7 = \frac{16+7}{16+4+3} = \frac{23}{16+4+3}$$

$$19+7=$$

Keep Split

 $19+1+6=26$

Make Twenty Addition Strategy (V)

Name:

Date:

$$14 + 9 =$$
 \downarrow
 $14 + 6 + 3 = 23$

$$\begin{array}{c}
18+5 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
19 + 4 = \\
 & \downarrow \\
 & \downarrow \\
 & + \\
 & \downarrow \\
 & \downarrow$$

$$\begin{array}{c}
17 + 8 = \\
 & \downarrow \\
 & \downarrow \\
 & + \\
 & \downarrow \\
 & \downarrow$$

$$\begin{array}{c}
16+9 = \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
16+5 = \\
\text{Keep Split} \\
\downarrow \qquad \downarrow \qquad \qquad \\
+ \qquad \qquad + \qquad = \\
\hline
\text{Make 20}$$

Make Twenty Addition Strategy (V) Answers

Name:

Date:

$$14 + 9 = \frac{14 + 9}{14 + 6} = \frac{14 + 6}{14 + 3} = \frac{23}{14 + 6}$$

$$\begin{array}{c}
18+5 = \\
\downarrow \qquad \qquad \downarrow \\
\underline{18+2}+3 = 23
\end{array}$$

$$\underline{18+2}_{\text{Make 20}} + 3 = 23$$

$$19+4=$$
 \downarrow
 $19+1+3=23$

Make 20

$$19+6=$$

Keep Split

 $19+1+5=25$

Make 20

$$15 + 7 =$$

Keep Split

 $15 + 5 + 2 = 22$

Make 20

$$17 + 8 =$$

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

$$17 + 3 + 5 = 25$$
Make 20

$$16+9=$$
 \downarrow
 $16+4+5=25$

Make 20

$$\begin{array}{c}
16+5 = \\
\downarrow \qquad \qquad \downarrow \\
\underline{16+4}+1 = 21
\end{array}$$

$$14 + 8 = \frac{14 + 8}{14 + 6} = \frac{14 + 8}{14 +$$

$$\begin{array}{c}
18+9 = \\
\downarrow \qquad \qquad \downarrow \\
18+2 + 7 = 27
\end{array}$$

$$\begin{array}{c}
18+2 + 7 = 27
\end{array}$$

Make Twenty Addition Strategy (W)

Name:

Date:

$$15 + 8 =$$
 \downarrow
 $15 + 5 + 3 = 23$

$$\begin{array}{c}
17 + 6 = \\
\downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
17 + 5 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

$$\begin{array}{c}
18 + 7 = \\
\downarrow & \downarrow \\
+ + = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
18 + 8 = \\
\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow \\
+ \qquad \qquad + \qquad = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
16 + 7 = \\
\text{Keep Split} \\
+ + = \\
\frac{\text{Make 20}}{}
\end{array}$$

Make Twenty Addition Strategy (W) Answers

Name:

Date:

$$15 + 8 = \frac{15 + 8}{15 + 5 + 3} = 23$$
Make 20

$$18+7=$$
 \downarrow
 $18+2+5=25$
 $18+20$

$$18 + 8 =$$

Keep Split

 $18 + 2 + 6 = 26$

Make 20

$$\begin{array}{c}
 17 + 4 = \\
 \downarrow \qquad \qquad \qquad \\
 17 + 3 + 1 = 21
 \end{array}$$
Make 20

$$18+4=$$
 \downarrow
 $18+2+2=22$

$$17 + 5 = \frac{17 + 3}{\text{Make 20}} + 2 = 22$$

$$\begin{array}{c}
18+3 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{18+2}+1 = 21
\end{array}$$

$$\begin{array}{c}
18 + 2 + 1 = 21
\end{array}$$

$$16+7=$$

Keep Split

 $16+4+3=23$

Make 20

$$\begin{array}{c}
18+6 = \\
\downarrow \qquad \qquad \downarrow \\
\underline{18+2}+4 = 24
\end{array}$$

Make Twenty Addition Strategy (X)

Name:

Date:

$$12 + 9 =$$
 \downarrow
 $12 + 8 + 1 = 21$

$$\begin{array}{c}
13 + 9 = \\
\downarrow & \downarrow \\
+ + = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{c}
19 + 2 = \\
\downarrow & \downarrow \\
+ + = \\
\hline
Make 20
\end{array}$$

$$\begin{array}{cccc}
14 + 7 & = & \\
& \downarrow & \downarrow & \downarrow \\
& + & + & = \\
\hline
& & \downarrow & & \\
& & \downarrow & & \\
& & & \downarrow & & \\
& & & & \downarrow & \\
& & & & \downarrow & \\
& & & & & \downarrow & \\
&$$

$$\begin{array}{c}
13 + 8 = \\
\text{Keep Split} \\
\downarrow \\
+ \\
\text{Make 20}
\end{array}$$

Make Twenty Addition Strategy (X) Answers

Name:

Date: ____

$$12 + 9 = \frac{12 + 9}{12 + 8 + 1} = 21$$

Make 20

$$19 + 8 = \frac{19 + 8}{\sqrt{19 + 1} + 7} = 27$$
 $\frac{19 + 1}{\sqrt{19 + 1} + 7} = 27$

$$13+9=$$
 \downarrow
 $13+7+2=22$

Make 20

$$19+5=$$

Keep Split

 $19+1+4=24$

Make 20

$$19+3=$$

Keep Split

 $19+1+2=22$

Make 20

$$19 + 2 =$$

Keep Split

 $19 + 1 + 1 = 21$

Make 20

$$14 + 7 =$$
 \downarrow
 $14 + 6 + 1 = 21$
 $Make 20$

$$\begin{array}{c}
13 + 8 = \\
\downarrow \qquad \downarrow \qquad \downarrow \\
\underline{13 + 7} + 1 = 21
\end{array}$$

$$\underline{13 + 8}_{\text{Make 20}} = 21$$

$$\begin{array}{c}
17 + 7 = \\
\downarrow \qquad \qquad \downarrow \\
17 + 3 + 4 = 24
\end{array}$$

$$\begin{array}{c}
17 + 3 + 4 = 24
\end{array}$$

$$19+7=$$

Keep Split

 $19+1+6=26$

Make 20