

Double-Digit Subtraction Strategy

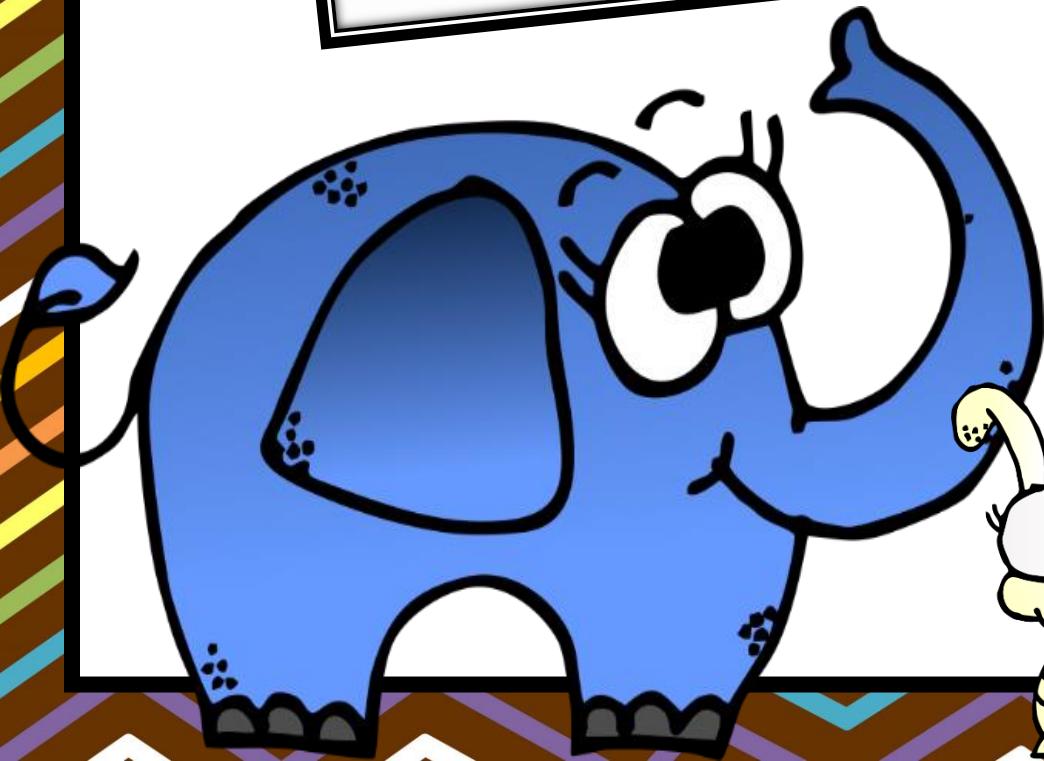
Break Apart

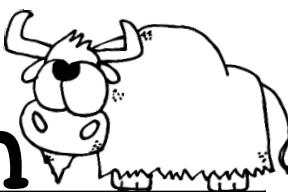
4 worksheets for your students
to get a little practice with this
strategy and 3 ticket out the
door assessments



$$\begin{array}{r} 64 \\ \text{ } \\ \underline{60 + 4} \end{array} \quad - \quad \begin{array}{r} 32 \\ \text{ } \\ \underline{30 + 2} \end{array}$$

$$\begin{array}{r} 60 - 30 = 30 \\ 4 - 2 = 2 \end{array} \quad > \quad \begin{array}{r} 30 + 2 = 32 \end{array}$$





Break Apart Subtraction

Example

$$\begin{array}{r}
 \begin{array}{c} 64 \\ \wedge \\ \underline{60 + 4} \end{array} \quad - \quad \begin{array}{c} 32 \\ \wedge \\ \underline{30 + 2} \end{array}
 \end{array}$$

$$\frac{60}{4} - \frac{30}{2} = \frac{30}{2} > \frac{30}{2} + \frac{2}{2} = \frac{32}{2}$$

$$\begin{array}{r} 55 \\ \wedge \\ \hline + \end{array} \quad - \quad \begin{array}{r} 24 \\ \wedge \\ \hline + \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} \quad > \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r} 48 \\ \wedge \\ \hline + \end{array} \quad - \quad \begin{array}{r} 31 \\ \wedge \\ \hline + \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} \quad > \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} > \begin{array}{r} \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 96 \\ \wedge \\ \hline + \end{array} \quad - \quad \begin{array}{r} 32 \\ \wedge \\ \hline + \end{array}$$

$$\begin{array}{r}
 44 \\
 \wedge \\
 \hline
 + \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 - \\
 21 \\
 \wedge \\
 \hline
 + \\
 \hline
 \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} > \underline{\quad} + \underline{\quad} = \underline{\quad}$$

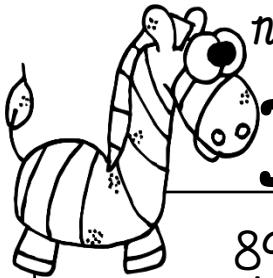
$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} > \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r} 69 \\ \wedge \\ - 35 \\ \hline + \end{array}$$

$$\begin{array}{r}
 82 \\
 - 71 \\
 \hline
 \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} > \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} \quad > \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$$



Name _____

2-digit subtraction

Break Apart Subtraction

$$\begin{array}{r} 89 \\ \wedge \\ + \end{array} \quad - \quad \begin{array}{r} 34 \\ \wedge \\ + \end{array}$$

$$\begin{array}{r} 57 \\ \wedge \\ + \end{array} \quad - \quad \begin{array}{r} 32 \\ \wedge \\ + \end{array}$$

$$\begin{array}{r} - \\ - \\ - \end{array} = \quad > \quad \begin{array}{r} + \\ + \\ - \end{array} =$$

$$\begin{array}{r} - \\ - \\ - \end{array} = \quad > \quad \begin{array}{r} + \\ + \\ - \end{array} =$$

$$\begin{array}{r} 76 \\ \wedge \\ + \end{array} \quad - \quad \begin{array}{r} 13 \\ \wedge \\ + \end{array}$$

$$\begin{array}{r} 48 \\ \wedge \\ + \end{array} \quad - \quad \begin{array}{r} 26 \\ \wedge \\ + \end{array}$$

$$\begin{array}{r} - \\ - \\ - \end{array} = \quad > \quad \begin{array}{r} + \\ + \\ - \end{array} =$$

$$\begin{array}{r} - \\ - \\ - \end{array} = \quad > \quad \begin{array}{r} + \\ + \\ - \end{array} =$$

$$\begin{array}{r} 99 \\ \wedge \\ + \end{array} \quad - \quad \begin{array}{r} 46 \\ \wedge \\ + \end{array}$$

$$\begin{array}{r} 65 \\ \wedge \\ + \end{array} \quad - \quad \begin{array}{r} 24 \\ \wedge \\ + \end{array}$$

$$\begin{array}{r} - \\ - \\ - \end{array} = \quad > \quad \begin{array}{r} + \\ + \\ - \end{array} =$$

$$\begin{array}{r} - \\ - \\ - \end{array} = \quad > \quad \begin{array}{r} + \\ + \\ - \end{array} =$$

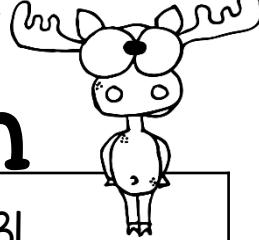
$$\begin{array}{r} 61 \\ \wedge \\ + \end{array} \quad - \quad \begin{array}{r} 11 \\ \wedge \\ + \end{array}$$

$$\begin{array}{r} 87 \\ \wedge \\ + \end{array} \quad - \quad \begin{array}{r} 71 \\ \wedge \\ + \end{array}$$

$$\begin{array}{r} - \\ - \\ - \end{array} = \quad > \quad \begin{array}{r} + \\ + \\ - \end{array} =$$

$$\begin{array}{r} - \\ - \\ - \end{array} = \quad > \quad \begin{array}{r} + \\ + \\ - \end{array} =$$

Name _____



Break Apart Subtraction

$$\begin{array}{r} 76 \\ \wedge \\ \hline + \end{array} \quad - \quad \begin{array}{r} 26 \\ \wedge \\ \hline + \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} \quad > \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r}
 48 \\
 \wedge \\
 \hline
 + \quad \quad \quad \quad + \quad \quad \quad \quad
 \end{array}
 \quad
 \begin{array}{r}
 - \\
 31 \\
 \wedge \\
 \hline
 \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} \quad > \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r} 67 \\ \wedge \\ \hline + \end{array} \quad - \quad \begin{array}{r} 15 \\ \wedge \\ \hline + \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} > \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r}
 35 \\
 \wedge \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 - \\
 21 \\
 \wedge \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 + \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 + \\
 \hline
 \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} > \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r} 96 \\ \wedge \\ \hline + \end{array} \quad - \quad \begin{array}{r} 42 \\ \wedge \\ \hline + \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} > \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r}
 54 \\
 \wedge \\
 \hline
 + \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 - \\
 \wedge \\
 \hline
 + \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 23 \\
 \wedge \\
 \hline
 + \\
 \hline
 \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} > \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r}
 59 \\
 \wedge \\
 +
 \end{array}
 \quad -
 \quad
 \begin{array}{r}
 28 \\
 \wedge \\
 +
 \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} \quad > \quad \begin{array}{r} \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r}
 76 \\
 \wedge \\
 + \\
 \hline
 \end{array}
 \quad
 \begin{array}{c}
 - \\
 63 \\
 \wedge \\
 + \\
 \hline
 \end{array}$$



Break Apart Subtraction

$$\begin{array}{r} 34 \\ \wedge \\ \hline + \end{array} \quad - \quad \begin{array}{r} 13 \\ \wedge \\ \hline + \end{array}$$

$$\begin{array}{r} \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \end{array} \quad > \quad \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$\begin{array}{r}
 76 \\
 \wedge \\
 \hline
 + \quad \quad \quad \quad +
 \end{array}
 \quad
 \begin{array}{r}
 - \quad \quad \quad \quad \\
 32 \\
 \wedge \\
 \hline
 + \quad \quad \quad \quad +
 \end{array}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad} > \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r}
 72 \\
 \wedge \\
 \hline
 + \quad \quad \quad \quad + \quad \quad \quad \quad
 \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} > \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r} 69 \\ \wedge \\ \hline + \end{array} \quad - \quad \begin{array}{r} 37 \\ \wedge \\ \hline + \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} \quad > \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r}
 97 \\
 - 46 \\
 \hline
 + \quad + \quad \quad +
 \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} > \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r}
 57 \\
 \wedge \\
 \hline
 + \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 - \\
 35 \\
 \wedge \\
 \hline
 + \\
 \hline
 \end{array}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad} \quad > \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r} 68 \\ \wedge \\ + \end{array} \quad - \quad \begin{array}{r} 25 \\ \wedge \\ + \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} \quad > \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\begin{array}{r} 74 \\ \wedge \\ + \\ \hline \end{array} \quad - \quad \begin{array}{r} 51 \\ \wedge \\ + \\ \hline \end{array}$$

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array} \quad > \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$$



Name _____

2-digit subtraction

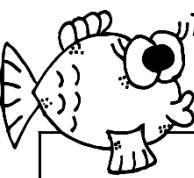
Ticket out the Door - Break Apart

$$\begin{array}{r} 46 \\ \wedge \\ \underline{+} \end{array} \quad \begin{array}{r} 32 \\ \wedge \\ \underline{+} \end{array}$$

$$\begin{array}{r} 68 \\ \wedge \\ \underline{+} \end{array} \quad \begin{array}{r} 38 \\ \wedge \\ \underline{+} \end{array}$$

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}} > \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}} > \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



Name _____

2-digit subtraction

Ticket out the Door - Break Apart

$$\begin{array}{r} 76 \\ \wedge \\ \underline{+} \end{array} \quad \begin{array}{r} 25 \\ \wedge \\ \underline{+} \end{array}$$

$$\begin{array}{r} 64 \\ \wedge \\ \underline{+} \end{array} \quad \begin{array}{r} 21 \\ \wedge \\ \underline{+} \end{array}$$

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}} > \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}} > \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



Name _____

2-digit subtraction

Ticket out the Door - Break Apart

$$\begin{array}{r} 81 \\ \wedge \\ \underline{+} \end{array} \quad \begin{array}{r} 16 \\ \wedge \\ \underline{+} \end{array}$$

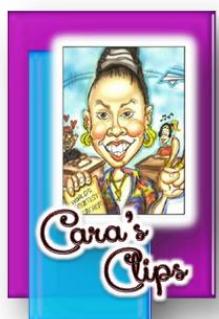
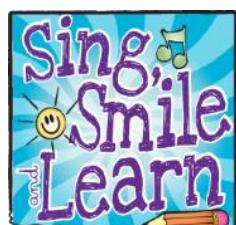
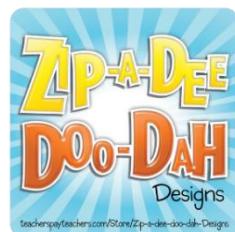
$$\begin{array}{r} 25 \\ \wedge \\ \underline{+} \end{array} \quad \begin{array}{r} 23 \\ \wedge \\ \underline{+} \end{array}$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} > \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

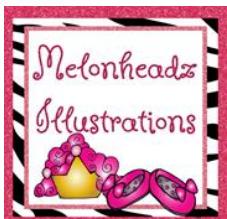
$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} > \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Giving credit where credit is due!

These are used in combination in various products: Clip Art, Frames, and Borders



Worksheetjunkie



SONYA DEHART

MyCuteGraphics

