

Sept 17

Warm-up

$$\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array} \quad \begin{array}{r} 1 \\ \times 3 \\ \hline 3 \end{array} \quad \begin{array}{r} 10 \\ \times 8 \\ \hline 80 \end{array} \quad \begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array} \quad \begin{array}{r} 1 \\ \times 10 \\ \hline 10 \end{array} \quad \begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array} \quad \begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array} \quad \begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array} \quad \begin{array}{r} 1 \\ \times 5 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ \times 10 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array} \quad \begin{array}{r} 10 \\ \times 5 \\ \hline 50 \end{array} \quad \begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array} \quad \begin{array}{r} 3 \\ \times 10 \\ \hline 30 \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array} \quad \begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array} \quad \begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array} \quad \begin{array}{r} 7 \\ \times 10 \\ \hline 70 \end{array}$$

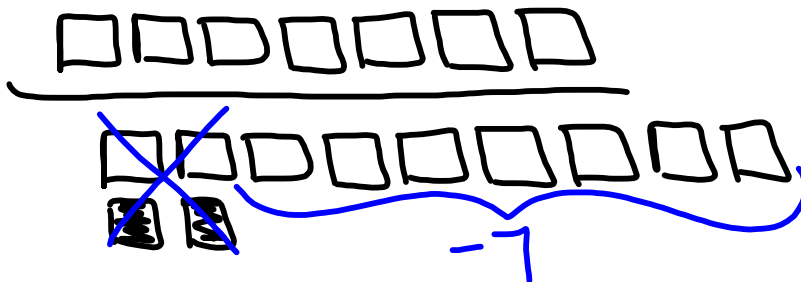
$$\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array} \quad \begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array} \quad \begin{array}{r} 5 \\ \times 6 \\ \hline 30 \end{array} \quad \begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array} \quad \begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array} \quad \begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array} \quad \begin{array}{r} 2 \\ \times 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array} \quad \begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 1 \\ \times 2 \\ \hline 2 \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array} \quad \begin{array}{r} 1 \\ \times 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 10 \\ \times 2 \\ \hline 20 \end{array} \quad \begin{array}{r} 6 \\ \times 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array} \quad \begin{array}{r} 10 \\ \times 10 \\ \hline 100 \end{array} \quad \begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array} \quad \begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array} \quad \begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \quad \begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array} \quad \begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array} \quad \begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array} \quad \begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array} \quad \begin{array}{r} 1 \\ \times 8 \\ \hline 8 \end{array}$$

Model each integer in two different ways

(a) -7

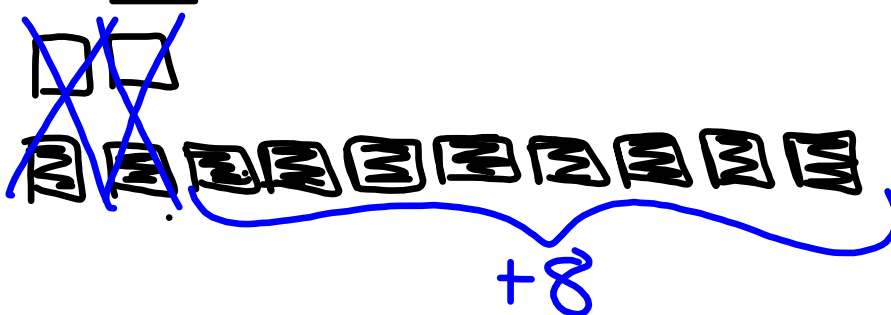


(b) +5

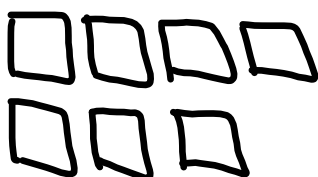


Model each addition question with tiles

(a) $(-2) + (+10) = +8$

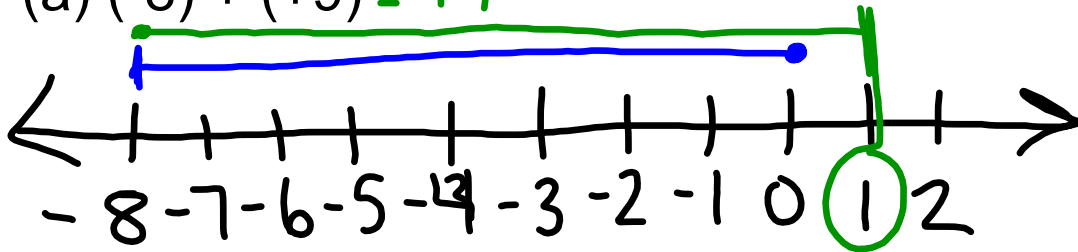


(b) $(-4) + (-3) = -7$

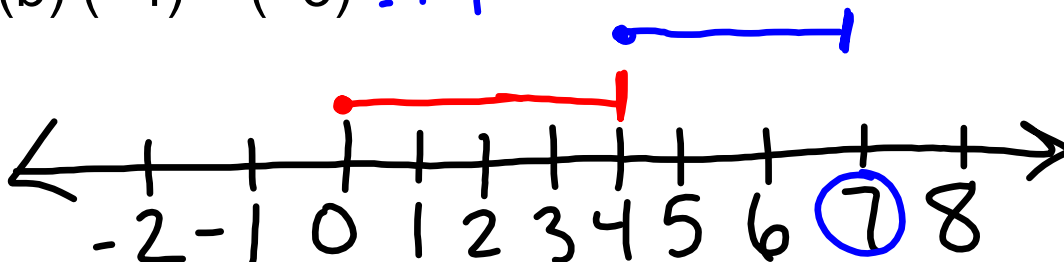


Model each addition question with number line

(a) $(-8) + (+9) = +1$



(b) $(+4) + (+3) = +7$



Add using rules

(a) $(-7) + (-9) = -16$

(b) $(-10) + (+14) = +4$
 $14 - 10 = 4$

(c) $(+8) + (+6) = +14$

(d) $(+5) + (-5) = 0$
 $5 - 5 = 0$

opposite integers
 *always give 0