

G4-M5-Lesson 30

1. Solve.

$$6\frac{2}{5} + \frac{3}{5} = 6\frac{5}{5} = 7$$

I add using unit form. 6 ones 2 fifths + 3 fifths = 6 ones 5 fifths.
I know that $\frac{5}{5} = 1$, so $6 + 1 = 7$.

2. Complete the number sentence.

$$18 = 17\frac{3}{10} + \frac{7}{10}$$

I know that $17 + 1 = 18$, so I need to find a fraction that equals 1 when added to $\frac{3}{10}$. $3 + 7 = 10$, so the fraction that completes the number sentence is 7 tenths.

3. Use a number bond and the arrow way to show how to make one. Solve.

$$3\frac{5}{8} + \frac{6}{8}$$

I decompose $\frac{6}{8}$ into $\frac{3}{8}$ and $\frac{3}{8}$ because I know $3\frac{5}{8}$ needs $\frac{3}{8}$ to make the next whole number, 4.

$$3\frac{5}{8} \xrightarrow{+\frac{3}{8}} 4 \xrightarrow{+\frac{3}{8}} 4\frac{3}{8}$$

The arrow way reminds me of making ten or making change from a dollar.

4. Solve.

$$\frac{7}{8} + 4\frac{6}{8}$$

I can add using any method that makes sense to me, like adding in unit form, using the arrow method, or adding to make the next 1, as shown below.

$$\frac{7}{8} + 4\frac{6}{8} = 4\frac{13}{8} = 5\frac{5}{8}$$

$$\frac{7}{8} + 4\frac{6}{8} = \frac{5}{8} + 5 = 5\frac{5}{8}$$