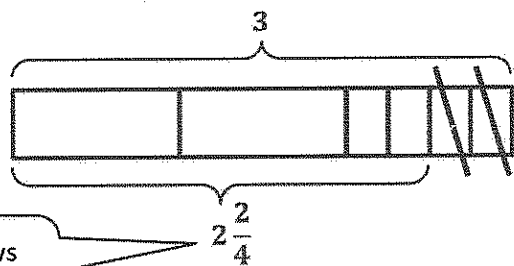


G4-M5-Lesson 22

1. Draw a tape diagram to match the number sentence. Then, complete the number sentence.

$$3 - \frac{2}{4} = \underline{2\frac{2}{4}}$$



I draw a tape diagram with 3 equal units, with 1 unit decomposed into fourths. To show the subtraction, I cross off $\frac{2}{4}$.

The tape diagram shows the difference is $2\frac{2}{4}$.

2. Use $\frac{5}{6}$, 3, and $2\frac{1}{6}$ to write two subtraction and two addition number sentences.

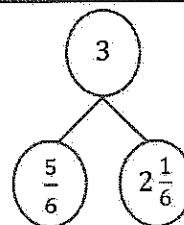
$$\frac{5}{6} + 2\frac{1}{6} = 3$$

$$2\frac{1}{6} + \frac{5}{6} = 3$$

$$3 - \frac{5}{6} = 2\frac{1}{6}$$

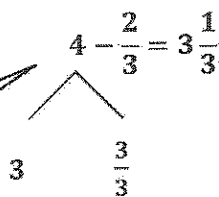
$$3 - 2\frac{1}{6} = \frac{5}{6}$$

I can also represent the relationship between these 3 numbers with a number bond.

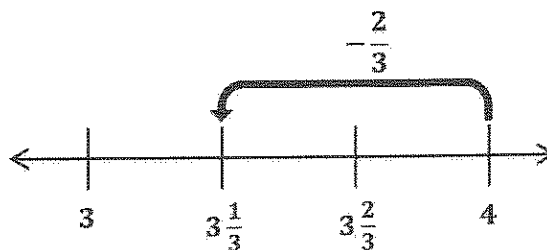


3. Solve using a number bond. Draw a number line to represent the number sentence.

$$4 - \frac{2}{3} = \underline{3\frac{1}{3}}$$



I use a number bond to decompose 4 into 3 and $\frac{3}{3}$. Then, I subtract $\frac{2}{3}$ from $\frac{3}{3}$.



I draw a number line with the endpoints 3 and 4 because I am starting at 4 and subtracting a number less than 1.

4. Complete the subtraction sentence using a number bond.

$$\begin{array}{r}
 6 - \frac{6}{8} = \frac{5}{8} \\
 \swarrow \quad \searrow \\
 5 \qquad \frac{8}{8}
 \end{array}$$

$$\begin{array}{r}
 \frac{8}{8} - \frac{6}{8} = \frac{2}{8} \\
 5 + \frac{2}{8} = 5\frac{2}{8}
 \end{array}$$

I subtract $\frac{6}{8}$ from $\frac{8}{8}$ to get $\frac{2}{8}$. I add $\frac{2}{8}$ back to 5.