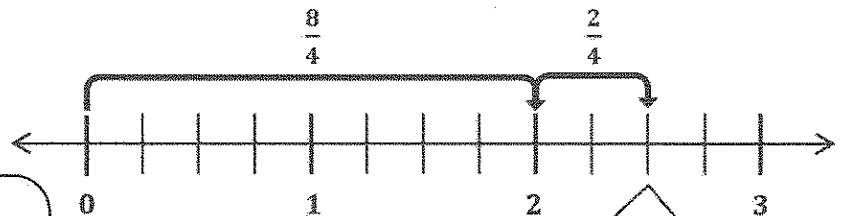


## G4-M5-Lesson 25

1. Convert the mixed number  $2\frac{2}{4}$  to a fraction greater than 1. Draw a number line to model your work.

$2\frac{2}{4}$  is the same as  $2 + \frac{2}{4}$ . I rename 2 as  $\frac{8}{4}$  because there are  $\frac{8}{4}$  in 2. Then, I add  $\frac{2}{4}$  to  $\frac{8}{4}$  to get  $\frac{10}{4}$ .



The number line shows  $2\frac{2}{4} = \frac{10}{4}$ .

2. Use multiplication to convert the mixed number  $5\frac{1}{4}$  to a fraction greater than 1.

$$5\frac{1}{4} = 5 + \frac{1}{4} = \left(5 \times \frac{4}{4}\right) + \frac{1}{4} = \frac{20}{4} + \frac{1}{4} = \frac{21}{4}$$

I rewrite 5 as the multiplication expression,  $5 \times \frac{4}{4}$ . Then, I can multiply  $5 \times \frac{4}{4}$  to get  $\frac{20}{4}$ . So, there are  $\frac{20}{4}$  in 5. Then, I add the  $\frac{1}{4}$  from the  $5\frac{1}{4}$  to get  $\frac{21}{4}$ .

3. Convert the mixed number  $6\frac{1}{3}$  to a fraction greater than 1.

$$6\frac{1}{3} = \frac{18}{3} + \frac{1}{3} = \frac{19}{3}$$

I use mental math. There are 6 ones and 1 third in the number  $6\frac{1}{3}$ . I know that there are 18 thirds in 6 ones. 18 thirds plus 1 more third is 19 thirds.