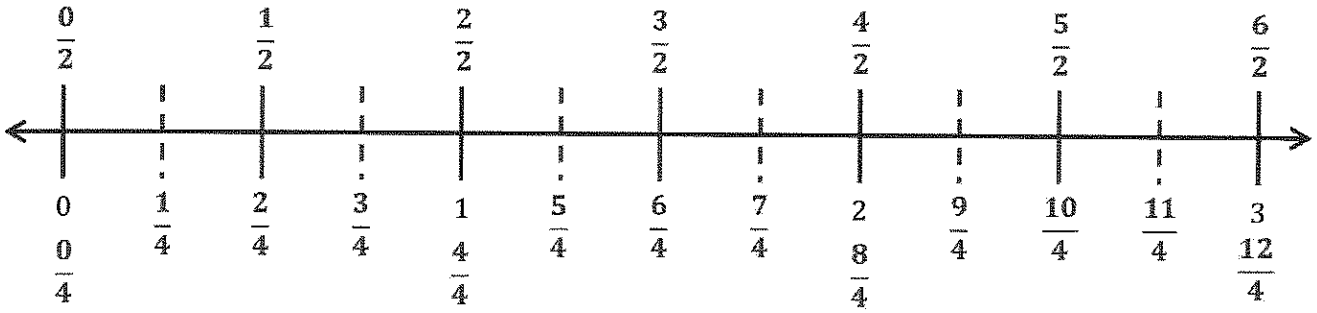
G3-M5-Lesson 23



1. On the number line above, divide each whole into halves, and label the halves above the line.

2. On the number line above, divide each whole into fourths, and label the fourths below the line.

3. Write the fractions that name the same place on the number line.

$\frac{0}{4} = \frac{0}{2}$ $\frac{2}{4} = \frac{1}{2}$ $\frac{4}{4} = \frac{2}{2}$ $\frac{6}{4} = \frac{3}{2}$

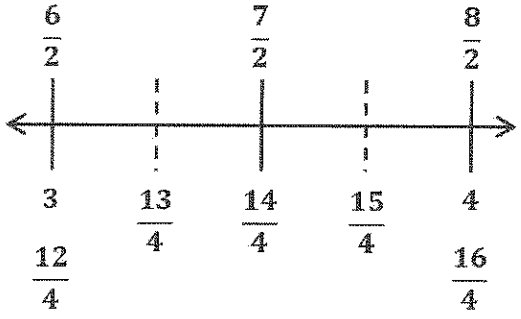
$\frac{8}{4} = \frac{4}{2}$ $\frac{10}{4} = \frac{5}{2}$ $\frac{12}{4} = \frac{6}{2}$

I can use an equal sign to show that these are equivalent because they are at the same point on the number line.

4. Use your number line to help you name the fractions equivalent to $\frac{14}{4}$ and $\frac{8}{2}$. Draw the part of the number line that would include these fractions below, and label it.

$\frac{14}{4} = \frac{7}{2}$ $\frac{8}{2} = \frac{16}{4}$

I know these fractions are equivalent because they are at the same point on the number line.



I can use my number line to count on by halves to $\frac{8}{2}$, which is the same as 4. I can draw a number line showing the interval of 3 to 4 and partition and label the halves and fourths.