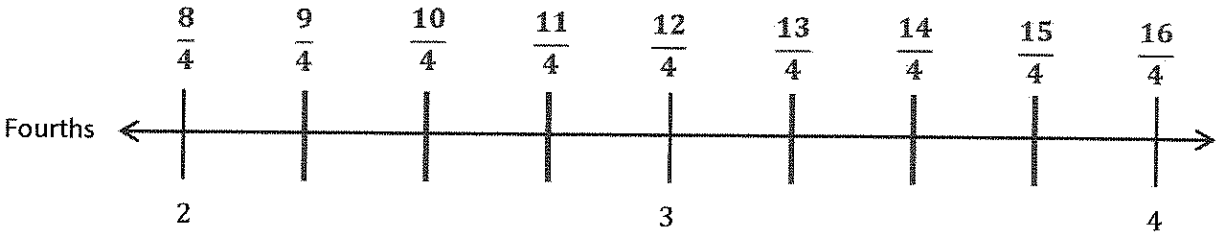
G3-M5-Lesson 26

1. Partition the number line to show the fractional units. Then, draw number bonds with copies of 1 whole for the circled whole numbers.

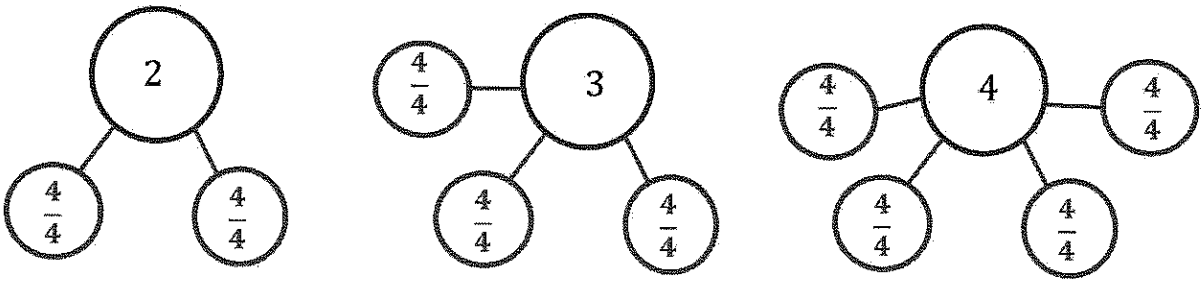
I can partition the whole number intervals into fourths. I can count by fourths to label the fractions. I need to start at $\frac{8}{4}$ because this number line starts at 2.



$2 =$ 8 fourths $\quad 2 = \frac{8}{4}$

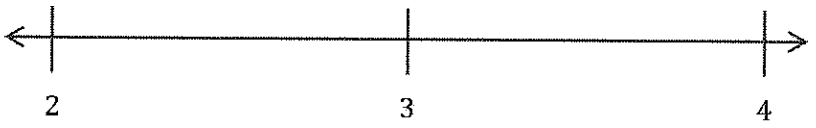
$3 =$ 12 fourths $\quad 3 = \frac{12}{4}$

$4 =$ 16 fourths $\quad 4 = \frac{16}{4}$



I can make copies of 1 whole to represent each whole number. Since the fractional unit is fourths, 1 whole can be represented by $\frac{4}{4}$. It takes 2 copies of $\frac{4}{4}$ to make the whole number 2.

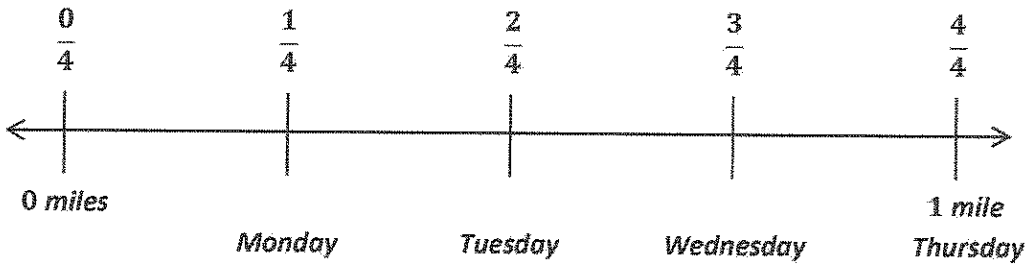
2. Use the number line to write the fractions that name the whole numbers for each fractional unit. The first one has been done for you.



Thirds	$\frac{6}{3}$	$\frac{9}{3}$	$\frac{12}{3}$
Sixths	$\frac{12}{6}$	$\frac{18}{6}$	$\frac{24}{6}$
Ninths	$\frac{18}{9}$	$\frac{27}{9}$	$\frac{36}{9}$

I know that $\frac{12}{6} = 2$. I can count by sixths to find the other fractions that name the whole numbers on the number line. I can do the same thing for ninths.

3. Monica walks $\frac{1}{4}$ of a mile on Monday. Each day after that, she walks $\frac{1}{4}$ of a mile more than she did the day before. Draw and partition a number line to represent how far Monica walks on Monday, Tuesday, Wednesday, and Thursday. What fraction of a mile does she walk on Thursday?



Monica walks $\frac{4}{4}$ of a mile on Thursday.

I can draw a number line and partition it into fourths because the fractional unit is fourths and Monica walks for 4 days. I can see on my number line that on Thursday Monica walks $\frac{4}{4}$ of a mile, which is the same as 1 mile.