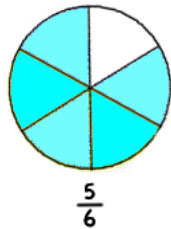
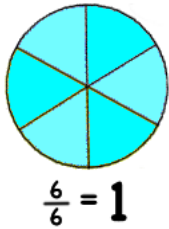


Mixed numbers and Fractions

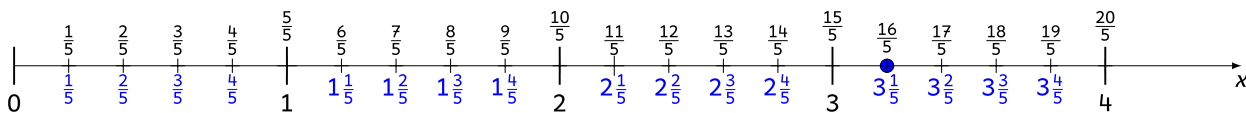
A mixed number is a number that is represented by a whole number and a fraction.
In this drawing each circle has been divided into six pieces.



$$\text{Mixed number} = 1\frac{5}{6}$$

$$\text{Fraction} = \frac{11}{6}$$

On this number line each unit has been divided into five equal parts. Both the fractions and mixed numbers have been labeled

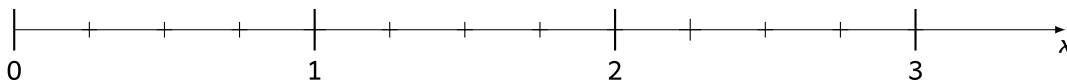


You can see that the mixed number $3\frac{1}{5}$ is equivalent to $\frac{16}{5}$.

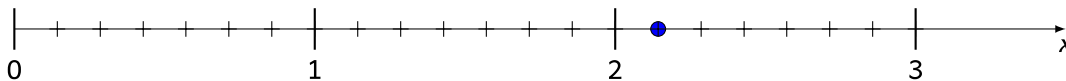
1. Circle each fraction below that is greater than one or equal to one.

$$\frac{3}{2} \quad \frac{1}{2} \quad \frac{4}{3} \quad \frac{12}{12} \quad \frac{8}{4} \quad \frac{9}{10} \quad \frac{10}{9}$$

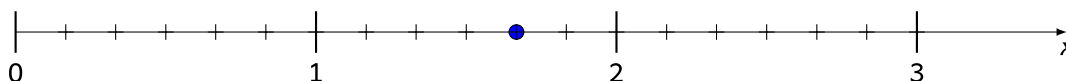
2. Label the number line with both the mixed number and the fraction.



3. Write the mixed number and the fraction for the points labeled with a dot.



4. Write the mixed number and the fraction for the points labeled with a dot.



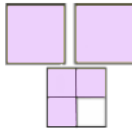
Mixed Number to Fraction



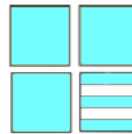
Fraction to Mixed Number



$$1\frac{1}{2} = \frac{\quad}{\quad}$$



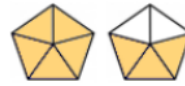
$$2\frac{3}{4} = \frac{\quad}{\quad}$$



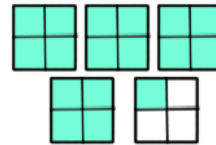
$$3\frac{3}{5} = \frac{\quad}{\quad}$$



$$\frac{3}{3} = \frac{\quad}{\quad}$$



$$\frac{8}{5} = \frac{\quad}{\quad}$$



$$\frac{17}{4} = \frac{\quad}{\quad}$$

Mixed Number to Fraction

$3\frac{1}{4}$

think

$\frac{3}{1} * \frac{4}{4} + \frac{1}{4}$

$= \frac{13}{4}$

Fraction to Mixed Number

think

$\frac{17}{4} = 4\frac{1}{4}$

$$2\frac{5}{6} = \frac{\quad}{\quad}$$

$$1\frac{3}{7} = \frac{\quad}{\quad}$$

$$4\frac{3}{5} = \frac{\quad}{\quad}$$

$$\frac{12}{7} = \frac{\quad}{\quad}$$

$$\frac{17}{5} = \frac{\quad}{\quad}$$

$$\frac{9}{5} = \frac{\quad}{\quad}$$