

## Drawing shapes for improper fractions and mixed numbers

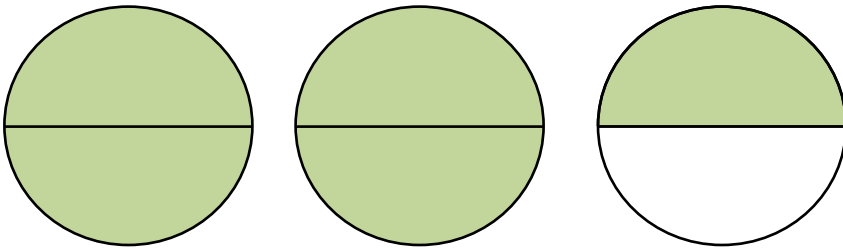
Drawing improper fractions and mixed numbers

Given the improper fraction below, draw shapes to represent this improper fraction and then write the mixed number for it.

1)  $\frac{5}{2}$

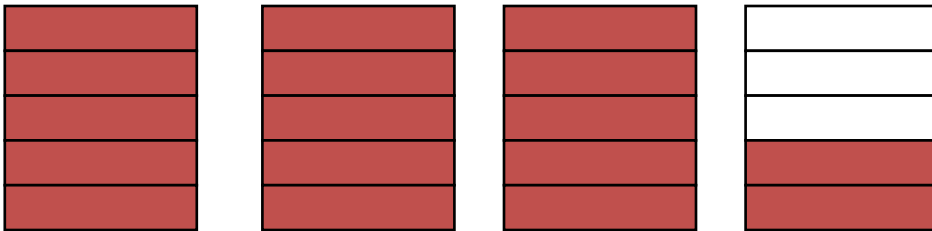
To draw the above improper fraction, you need to draw shapes with 2 equal parts (hint is the denominator). Next question is how many shapes should we draw? Counting 2 parts in each shape, we need 3 shapes to get at least 5 parts (the numerator of the improper fraction). Now out of 6 parts color 5 parts.

Let's use 3 circles to draw the improper fraction as shown below:



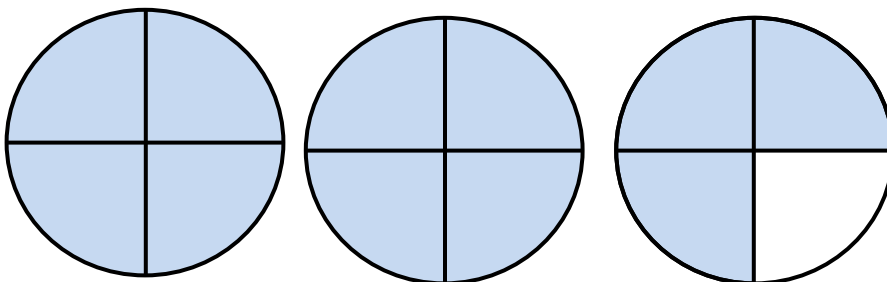
Mixed number =  $2\frac{1}{2}$

2) Draw  $\frac{17}{5}$  {We need to draw shapes having 5 parts, and to color 17 parts of 4 shapes}



Mixed number =  $3\frac{2}{5}$

3) Draw  $\frac{11}{4}$  and write a mixed number for this improper fraction.



Mixed number =  $2\frac{3}{4}$