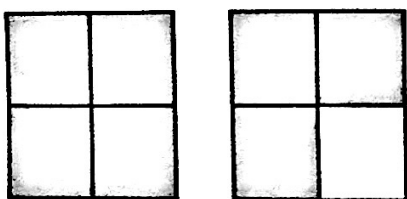# Representing Improper Fractions as Mixed Numbers
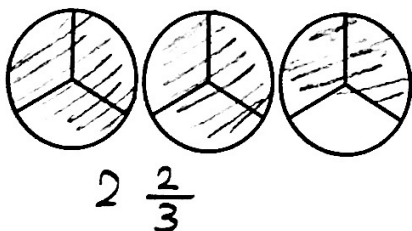
GOAL

Relate improper fractions to mixed numbers.

1. Colour each diagram to model the improper fraction. Then write the equivalent mixed number for the improper fraction. Part a) is done for you.

At-Home Help

A mixed number is a number with a whole number part and a proper fraction part.

For example, $3\frac{1}{4} = 3 + \frac{1}{4}$.

a) $\frac{7}{4}$
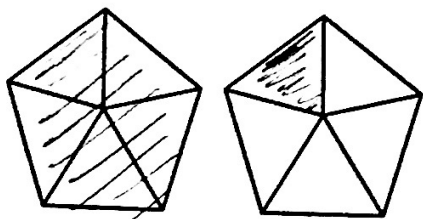
equivalent mixed number: $1\frac{3}{4}$

b) $\frac{8}{3}$
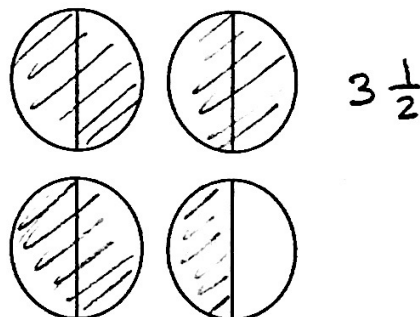
$2\frac{2}{3}$

equivalent mixed number: _____

c) $\frac{6}{5}$

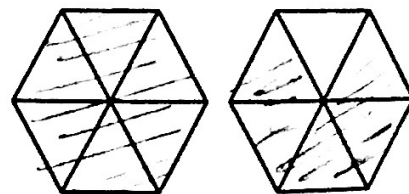equivalent mixed number: $1\frac{1}{5}$

d) $\frac{7}{2}$

$3\frac{1}{2}$

equivalent mixed number: _____

e) $\frac{11}{6}$

equivalent mixed number: $1\frac{5}{6}$

2. Write each improper fraction as a mixed number.

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

b) $\frac{5}{4} = 1\frac{1}{4}$

c) $\frac{10}{3} = 3\frac{1}{3}$

d) $\frac{21}{5} = 4\frac{1}{5}$