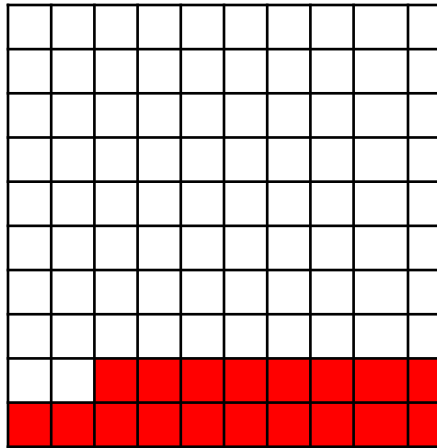# 5.5

Percents

What is a percent?
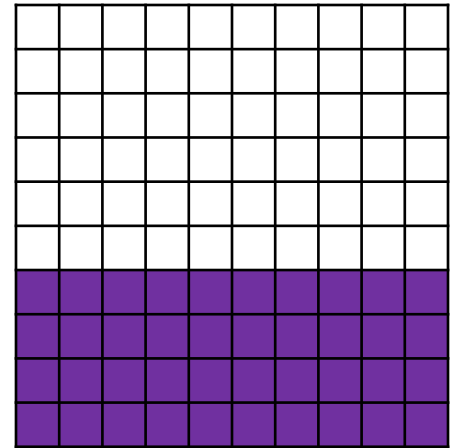
Percent means "Out of 100" or "Per 100"

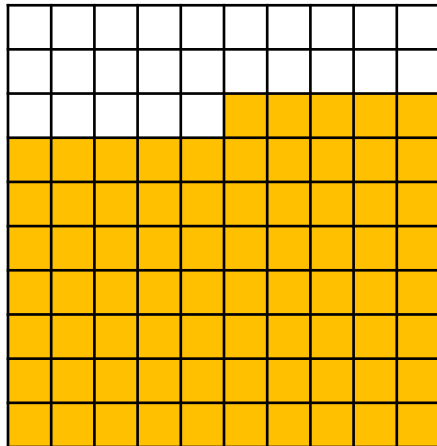Write the indicated percent as a fraction. Simplify if possible.

1)   18%
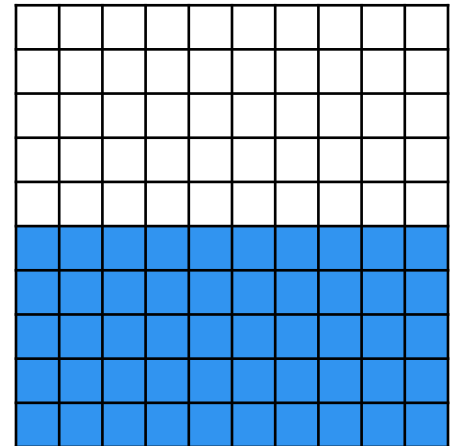
2)   40%

3)   75%

4)   50%

What is a percent?

Percent means "Out of 100" or "Per 100"

Write the indicated percent as a fraction, mixed number, or whole number in simplest terms.

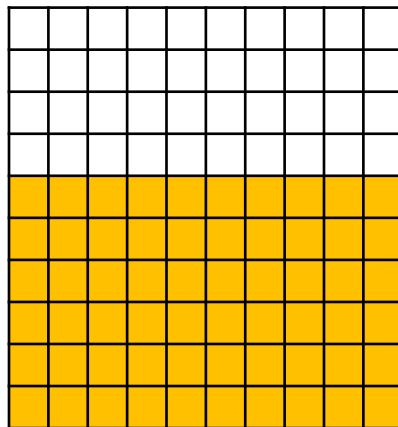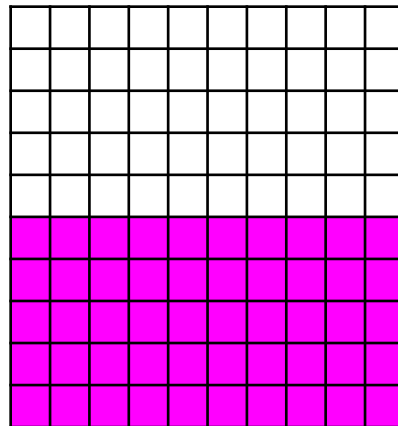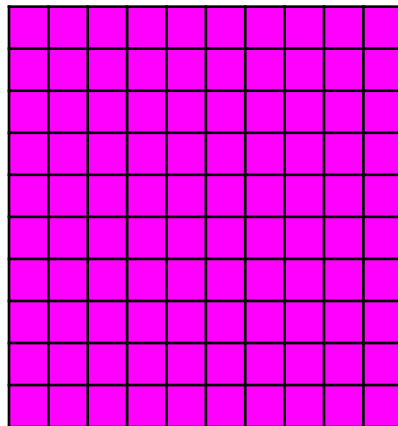**5)   60%**

6)   150%

What is a percent?

Percent means "Out of 100" or "Per 100"

Write the indicated percent as a fraction, mixed number, or whole number in simplest terms.
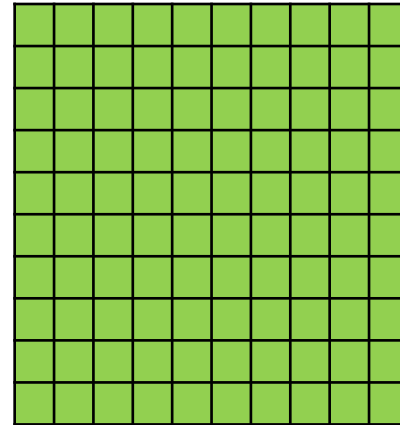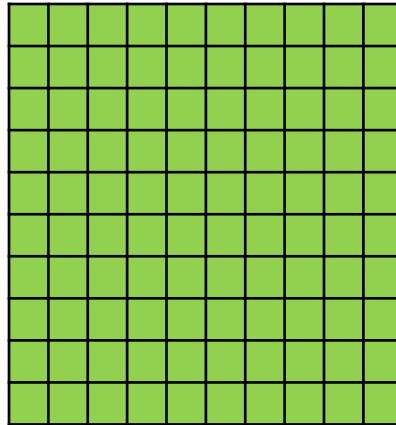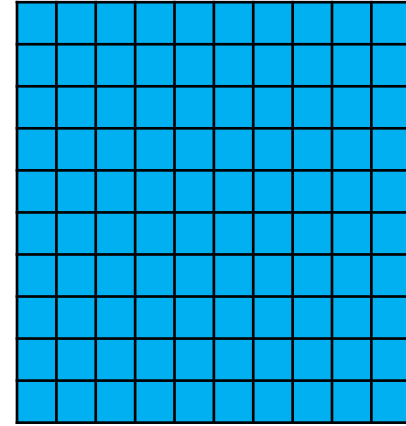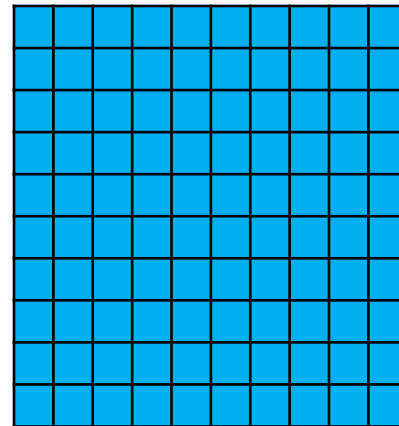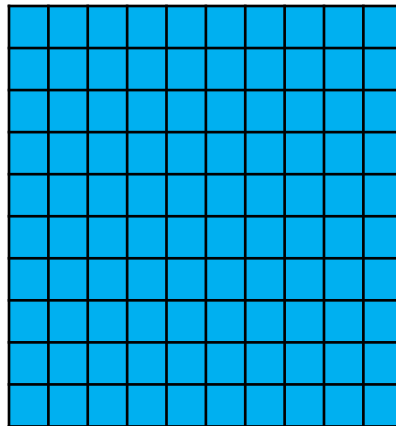
7) 200%

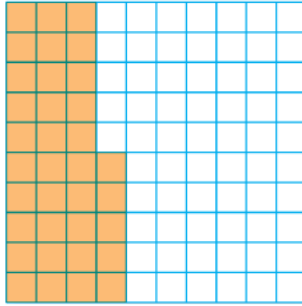8) 300%

Converting Fractions to Percents
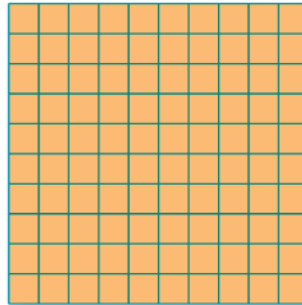
1) $\dfrac{9}{10}$
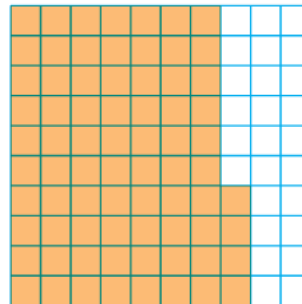
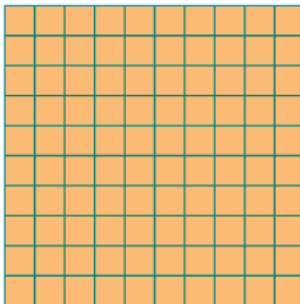2) $\dfrac{4}{5}$

3) $\dfrac{17}{25}$

a. Write 35% as a fraction in simplest form.

b. Write 100% as a fraction in simplest form.

c. Write 174% as a mixed number in simplest form.

Practice

Write the indicated percent as a fraction, mixed number, or whole number in simplest terms.
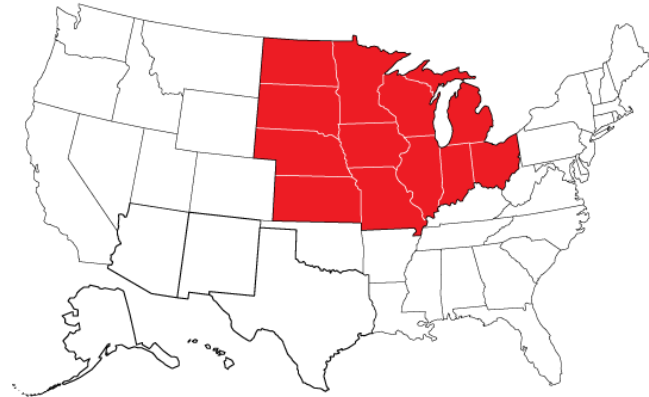
d)   5%

e)   168%

f)   36%

g)   83%

Practice

h)   Write $\dfrac{3}{50}$ as a percent.

Application

Midwestern United States

A drought affects 9 out of 12 midwestern states. What percent of the midwestern states are affected by the drought?

Practice

Write the fraction or mixed number as a percent.

i) $\dfrac{31}{50}$

j) $\dfrac{7}{25}$

k) $\dfrac{19}{20}$

l) $1\dfrac{1}{2}$