

Percents and Fractions

Name _____

Key Concept and Vocabulary

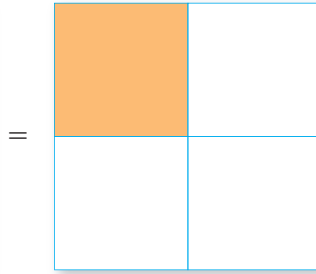
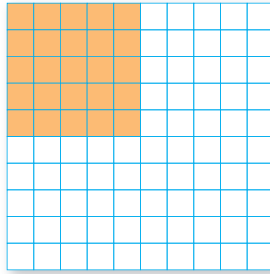
Percent means "per hundred."



$$25\% = \frac{25}{100}$$

$$= \frac{25 \times 1}{25 \times 4}$$

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



To simplify a fraction, factor and cancel.

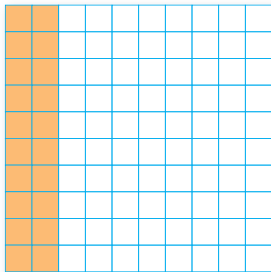


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Check your answers at BigIdeasMath.com.

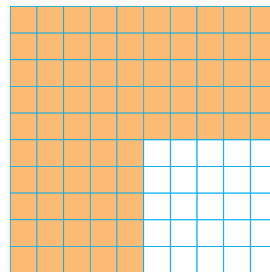
Write the percent as a simplified fraction.

1.



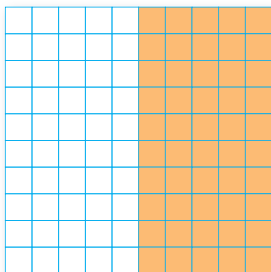
$$= \frac{\square}{100} = \frac{\square}{\square}$$

2.



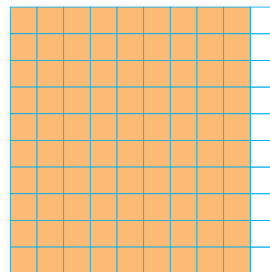
$$= \frac{\square}{100} = \frac{\square}{\square}$$

3.



$$= \frac{\square}{100} = \frac{\square}{\square}$$

4.



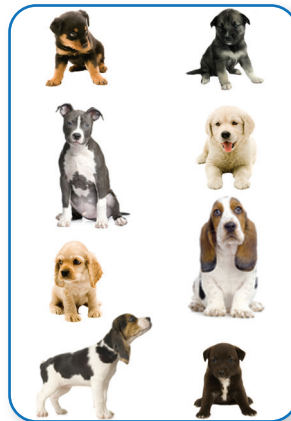
$$= \frac{\square}{100} = \frac{\square}{\square}$$

5. **DOG TRICKS** Owners of twenty dogs were surveyed. Eight of the dogs knew the trick "roll over." Write this fraction as a percent.

$$\frac{\square}{20} = \frac{5 \times \square}{5 \times 20}$$

$$= \frac{\square}{100}$$

$$= \square \%$$



Can roll over



Cannot roll over