

Math 7 - Unit 4

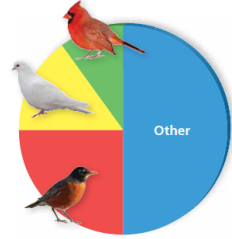
Day 1 - Percents & Fractions Review

Lesson Objectives:

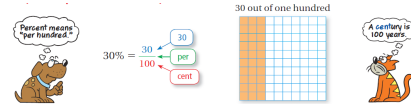
- I can write fractions as percents.
- I can write percents as fractions.

One hundred people were asked to name their favorite songbird. Estimate the percent for each category.

Robin = 10%
Dove = 15%
Cardinal = 25%
Other = 50%

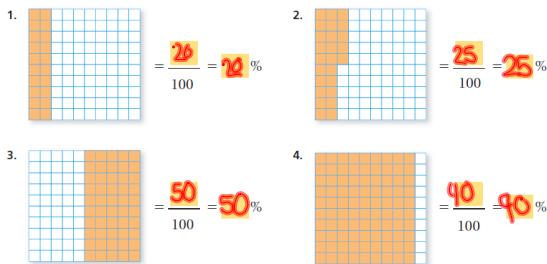


A percent is a ratio that compares a number to 100.



To write a fraction as a percent, write an equivalent fraction with a denominator of 100.

Write the percent in .

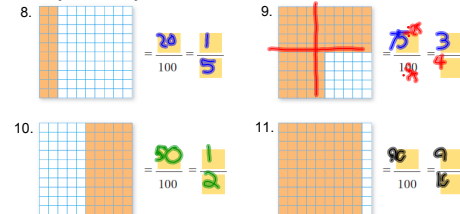


Express each fraction as a percent.

$$\frac{1}{4} = \frac{25}{100} = 25\% \quad \frac{9}{200} = \frac{4.5}{100} = 4.5\%$$

To write a percent as a fraction, express the ratio as a fraction with a denominator of 100. **Then Simplify!!**

Write the percent as a simplified fraction.



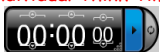
Express each percent as a fraction in simplest form.

$$12. 18\% = \frac{18}{100} = \frac{9}{50} \quad 13. 66\frac{2}{3}\% = \frac{200}{3} \div 100 = \frac{200}{3} \times \frac{1}{100} = \frac{200}{300} = \frac{2}{3}$$

Homework

Percents & Fractions WKS

* Individual Think Time *



What to do if you get stuck...

- Reread the problem. Did you write it down correctly?
- Reread your notes. Is there a problem similar that we did together in class?
- Find a problem similar in your book. Try this one to see if it helps.
- Skip the problem until the end of Individual Think Time. Then ask an "educated" question of a neighbor or Mrs. Call.

Today we're working by...

