Percents and Fractions

Percent: The word part *cent* means *one hundred* so, percent means *per one hundred* or *out of 100*. The symbol for percent is %.

Writing Percents as Fractions

- 1. Put the percent as the numerator and 100 as the denominator
- 2. Simplify

Example: $60\% = 60 \text{ out of } 100 \qquad \frac{60}{100} - 20 = 5$

Interpreting Models



So, this model represents 25% or $\frac{1}{4}$.

Fractions to Percents

- 1. Set up a proportion.
- 2. The first ratio is the given fraction.
- 3. The second ratio has a denominator of 100.
- 4. Figure out the numerator over 100. This number is your percent.



Count how many squares are colored. That number is the percent colored.

The grid has 100 squares.



Write the percent as a fraction in simplest form. 25% - 25