

Key

Vocabulary:

Fraction - a numerical quantity that is not a whole number.

Fraction - a comparison of a part to a whole.

Percent - a comparison of a number to 100.

Steps:

1. The percent is the numerator.
2. 100 is the denominator.
3. Scale to two equivalent ratios. (smaller or larger)

Guided Practice:

Write each percent as three different equivalent fractions.

1. 60%

$$\frac{60}{100} \quad \frac{6}{10} \quad \frac{3}{5}$$

2.) 48%

$$\frac{48}{100} \quad \frac{24}{50} \quad \frac{12}{25}$$

3.) 87%

$$\frac{87}{100} \quad \frac{174}{200} \quad \frac{348}{400}$$

can't get smaller

x2 x2

4.) Johnny got a 95% on his math test. What is Johnny's grade as a fraction (in simplest form)?

$$\frac{95}{100} \div 5 \quad \frac{19}{20}$$

5.) Sally got a 82% on her PE test. What is Sally's grade as a fraction (in simplest form)?

$$\frac{82}{100} \div 2 \quad \frac{41}{50}$$

Partner Talk

Jim earned a 80% on his STAR test. What are two equivalent fractions (ratios) to 80%?

$$\frac{80}{100} \quad \frac{40}{50}$$

Essential Question: Why are percents helpful?

When fractions are written as percents, they are easier to compare.

Rate Yourself - Are you ready to move on?

YES or NO