Relate Decimals and Percents

Percent means “per hundred” or “out of one hundred parts.”

Write the decimal and the percent for the shaded part of the grid.

Count the shaded squares. Step 1: Write the decimal. Step 3: To write a decimal as a percent, move the decimal point two places to the right and write a percent symbol.

48 out of 100 squares are shaded. 48 out of 100 = 48 hundredths = 0.48 0.48 = 0.48 = 48%

Write 2% as a decimal.

Step 1: Ask yourself “what does 2% mean?” 2% = 2 out of 100 parts Step 2: To write a percent as a decimal, remove the percent symbol and move the decimal point two places to the left.

2 = 0.02 = 0.02

Write the decimal and the percent for the shaded part of each grid.

1. 2. 3.

Write each decimal as a percent. Write each percent as a decimal.

4. 0.32 5. 0.09 6. 0.56 7. 42% 8. 8% 9. 33%