

**STUDY LINK**  
**9•1**

# Fractions, Decimals, and Percents



Rename each decimal as a fraction and a percent.

1.  $0.90 = \frac{\square}{100} = \text{_____}\%$     2.  $0.53 = \frac{\square}{100} = \text{_____}\%$     3.  $0.04 = \frac{\square}{100} = \text{_____}\%$

Rename each percent as a fraction and a decimal.

4.  $60\% = \frac{\square}{100} = \text{_____}$     5.  $25\% = \frac{\square}{100} = \text{_____}$     6.  $7\% = \frac{\square}{100} = \text{_____}$

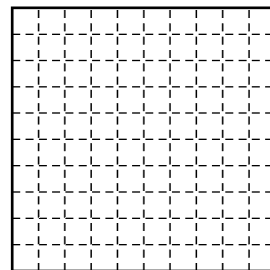
Rename each fraction as a decimal and a percent.

7.  $\frac{50}{100} = \text{_____} = \text{_____}\%$     8.  $\frac{75}{100} = \text{_____} = \text{_____}\%$     9.  $\frac{6}{100} = \text{_____} = \text{_____}\%$

10. Shade more than  $\frac{10}{100}$  and less than  $\frac{30}{100}$  of the grid.  
Write the value of the shaded part as a decimal and a percent.

Decimal: \_\_\_\_\_

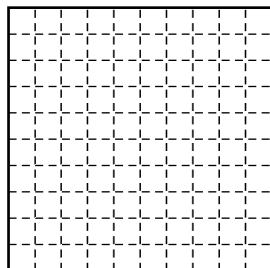
Percent: \_\_\_\_\_



11. Shade more than 25% and less than 60% of the grid.  
Write the value of the shaded part as a decimal and a percent.

Decimal: \_\_\_\_\_

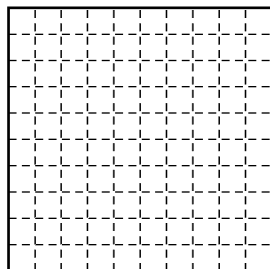
Percent: \_\_\_\_\_



12. Shade more than 0.65 and less than 0.85 of the grid.  
Write the value of the shaded part as a decimal and a percent.

Decimal: \_\_\_\_\_

Percent: \_\_\_\_\_


**Practice**

Order the fractions from smallest to largest.

13.  $\frac{3}{6}, \frac{3}{3}, \frac{3}{5}, \frac{3}{7}$  \_\_\_\_\_

14.  $\frac{2}{3}, \frac{6}{7}, \frac{1}{2}, \frac{19}{20}$  \_\_\_\_\_

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# Trivia Survey



**Conduct the survey below. The results will be used in Lesson 9-6.**

Find at least five people to answer the following survey questions. You can ask family members, relatives, neighbors, and friends.

**BE CAREFUL!** You will not ask every person every question. Pay attention to the instructions that go with each question.

Record each answer with a tally mark in the Yes or No column.

Question	Yes	No
<b>1.</b> Is Monday your favorite day? (Ask everyone younger than 20.)		
<b>2.</b> Have you gone to the movies in the last month? (Ask everyone older than 8.)		
<b>3.</b> Did you eat breakfast today? (Ask everyone over 25.)		
<b>4.</b> Do you keep a map in your car? (Ask everyone who owns a car.)		
<b>5.</b> Did you eat at a fast-food restaurant yesterday? (Ask everyone.)		
<b>6.</b> Did you read a book during the last month? (Ask everyone over 20.)		
<b>7.</b> Are you more than 1 meter tall? (Ask everyone over 20.)		
<b>8.</b> Do you like liver? (Ask everyone.)		