

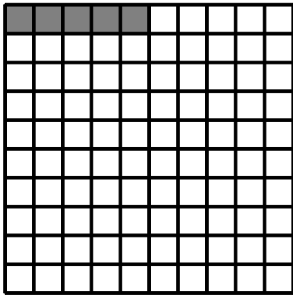
Name: _____

Date: ____/____/____

Chapter 9 Review Packet

1. Jane made 4 out of 8 shots in the school basketball free-throw contest.
 - a. What fraction of the shots did she make?
 - b. What percent of the shots did she make?
 - c. At this rate, how many shots would she make if she took 100 shots?

2. Peter set a goal of jogging a total of 100 miles over the summer. He filled in the following square to keep track of the miles he ran. During the first three weeks of July, he jogged 5 miles.



- a. What fraction of 100 miles did he jog in 3 weeks?
 - b. What percent of 100 miles did he jog?
 - c. At this rate, how many weeks would it take him to jog 100 miles?

3. Fill in the table of equivalent fractions, decimals, and percents.

Fraction	Decimal	Percent
$\frac{1}{2}$		
	0.75	
		40%
	0.80	
		30%
$\frac{2}{2}$		

4. Use a calculator to rename each fraction as a decimal.

a. $\frac{5}{16}$

b. $\frac{3}{25}$

c. $\frac{6}{32}$

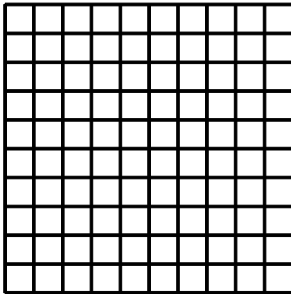
5. Use a calculator to rename each fraction as a percent.

a. $\frac{7}{8}$

b. $\frac{14}{32}$

c. $\frac{3}{96}$

6. Shade 30% of the given square.



a. What fraction of the square did you shade?

b. Write this fraction as a decimal.

c. What percent of the square is *not* shaded?

7. Alex bought a coat that sold for \$220. He had a coupon for a 10% discount.

a. How much money did he save with the discount?

b. How much money did he pay for the coat?

8. Ricky is buying a color television. The television he wants costs \$240 at both Nx's Department Store and Al's Department Store. After New Year's Day, Nx's Department Store put it on sale at a savings of $\frac{1}{5}$ off the regular price.

Al's Department Store offered a 30% discount on all items. At which store should Ricky buy the television? Why?

Use an estimation strategy to multiply. Show your work.

9. $7.2 * 24 = \underline{\hspace{2cm}}$

10. $0.87 * 62 = \underline{\hspace{2cm}}$

11. $\underline{\hspace{2cm}} = 203 * 3.3$

Use an estimation strategy to divide. Show your work.

12. $47.4/3 = \underline{\hspace{2cm}}$

13. $\underline{\hspace{2cm}} = 355.5/5$

14. $\underline{\hspace{2cm}} = 5.22/9$