

# Lesson 5-6 Practice #1

## Finding a Percent of a Number

Find each answer.

1. 15% of 20

2. 12 is 20% of what number?

3. What percent of 70 is 21?

\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ = \_\_\_\_\_

4. 21 is 12% of what number?

5. 15 is 25% of what number?

6. 60% of 45

\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ = \_\_\_\_\_

Solve each problem.

7. Teri used 60% of 20 gallons of paint. How much did she use?

\_\_\_\_\_ = \_\_\_\_\_

8. The Badgers won 24 of their 30 games this year. What percent of games did they win?

\_\_\_\_\_ = \_\_\_\_\_

9. Vivian saved 30% of the total money she made last month. She saved \$150. How much money did she make last month?

\_\_\_\_\_ = \_\_\_\_\_

10. Mr. Hunter has graded 65% of his 160 students' papers. How many papers has he graded?

\_\_\_\_\_ = \_\_\_\_\_

11. The advertised price of a new soccer ball is \$50.00. However, in the state of Michigan we have 6% sales tax. What is the final price you will pay after sales tax is added on?

\_\_\_\_\_ = \_\_\_\_\_

12. Priya is doing her back-to-school shopping. Calculate all of the missing values in the table below, rounding to the nearest penny, and calculate the total amount Priya will spend on her outfit after she received the indicated discounts.

	Shirt (25% discount)	Pants (30% discount)	Shoes (15% discount)	Necklace (10% discount)	Sweater (20% discount)
Original Price	\$44			\$20	
Amount of Discount		\$15	\$9		\$7
Sale Price					

Work Space:

What is the total cost of Priya’s outfit after all of the discounts?

13. There are 60 animal exhibits at the local zoo. Find the number of exhibits for each animal class.

Exhibits by Animal Class	Number of Exhibits	Percent of the Total Number of Exhibits
Mammals		50%
Reptiles & Amphibians		25%
Fish & Insects		20%
Birds		5%