

## LESSON

## 8

**Proportional Relationships****Practice B: Solving Percent Problems****Solve.**

1. 50 is 40% of what number?

\_\_\_\_\_

3. 18 is what percent of 60?

\_\_\_\_\_

5. 4% of what number is 25?

\_\_\_\_\_

7. What percent of 55 is 22?

\_\_\_\_\_

9. 15 is 30% of what number?

\_\_\_\_\_

11. 7 is what percent of 105?

\_\_\_\_\_

13. 10% of what number is 14?

\_\_\_\_\_

15. What percent of 32 is 4?

\_\_\_\_\_

17. 1% of what number is 11?

\_\_\_\_\_

19. The sales tax on a \$750 computer at J &amp; M Computers is \$48.75. What is the sales tax rate?

\_\_\_\_\_

20. A hardcover book sells for \$24 at The Bookmart. Ben pays a total of \$25.02 for the book. What is the sales tax rate?

\_\_\_\_\_

2. 12 is 25% of what number?

\_\_\_\_\_

4. 12 is what percent of 96?

\_\_\_\_\_

6. 80% of what number is 160?

\_\_\_\_\_

8. What percent of 75 is 6?

\_\_\_\_\_

10. 8% of what number is 2?

\_\_\_\_\_

12. 24 is 40% of what number?

\_\_\_\_\_

14. 16 is what percent of 200?

\_\_\_\_\_

16. What percent of 150 is 60?

\_\_\_\_\_

18. 20% of what number is 14?

\_\_\_\_\_

**LESSON** **Proportional Relationships**

**8** **Puzzles, Twisters & Teasers: Rock On!**

Fill in the blanks to complete each statement. Then solve the riddle.

**L** 25 is \_\_\_\_\_% of 100

**R** 27 is \_\_\_\_\_% of 30

**A** 105 is \_\_\_\_\_% of 75

**O** 16 is \_\_\_\_\_% of 48

**V** 56 is 140% of \_\_\_\_\_

**C** 40 is \_\_\_\_\_% of 60

**I** 10 is \_\_\_\_\_% of 80

**K** 9 is \_\_\_\_\_% of 45

**T** 6 is 10% of \_\_\_\_\_

**F** 7 is 14% of \_\_\_\_\_

**S** 30 is 15% of \_\_\_\_\_

**E** 18 is \_\_\_\_\_% of 6



**What kind of concert do pebbles enjoy?**

_____	_____	_____	_____	_____	_____	_____	_____
140	90	33.3	66.6	20			
_____	_____	_____	_____	_____	_____	_____	_____
50	300	200	60	12.5	40	140	25