

LESSON **Proportional Relationships**

7 **Practice B: Percent of a Number**

Find the percent of each number.

- | | | | |
|-------------------------|-------------------------|-------------------------|-------------------------|
| 1. 25% of 56
_____ | 2. 10% of 110
_____ | 3. 5% of 150
_____ | 4. 90% of 180
_____ |
| 5. 125% of 48
_____ | 6. 225% of 88
_____ | 7. 2% of 350
_____ | 8. 285% of 200
_____ |
| 9. 150% of 125
_____ | 10. 46% of 235
_____ | 11. 78% of 410
_____ | 12. 0.5% of 64
_____ |

Find the percent of each number. Check whether your answer is reasonable.

- | | | | |
|--------------------------|--------------------------|--------------------------|---------------------------|
| 13. 55% of 900
_____ | 14. 140% of 50
_____ | 15. 75% of 128
_____ | 16. 3% of 600
_____ |
| 17. 16% of 85
_____ | 18. 22% of 105
_____ | 19. 0.7% of 110
_____ | 20. 95% of 500
_____ |
| 21. 3% of 750
_____ | 22. 162% of 250
_____ | 23. 18% of 90
_____ | 24. 23.2% of 125
_____ |
| 25. 0.1% of 950
_____ | 26. 11% of 300
_____ | 27. 52% of 410
_____ | 28. 250% of 12
_____ |

29. The largest frog in the world is the goliath, found in West Africa. This type of frog can grow to be 12 inches long. The smallest frog in the world is about 4% as long as the goliath. What is the approximate length of the smallest frog in the world?

LESSON

7

Proportional Relationships

Puzzles, Twisters & Teasers: Hi and Dry!

Decide whether or not each equation is correct. Circle the letters above your answers. Then solve the riddle.

1. 7% of $200 = 21$

B **Y**
 correct incorrect

2. 16% of $50 = 18$

F **O**
 correct incorrect

3. 8% of $50 = 4$

U **G**
 correct incorrect

4. 5% of $12 = 0.06$

K **R**
 correct incorrect

5. 67% of $90 = 60.3$

S **L**
 correct incorrect

6. 16% of $70 = 1.17$

M **H**
 correct incorrect

7. 20% of $65 = 15$

N **A**
 correct incorrect

8. 0.5% of $36 = 0.18$

D **P**
 correct incorrect

9. 145% of $210 = 304.5$

O **T**
 correct incorrect

10. 1% of $4 = 4$

Z **W**
 correct incorrect

What can fall on the sea without getting wet?

