Lesson 3 Homework Practice

The Percent Proportion

Find each number. Round to the nearest tenth if necessary.

1. What percent of 65 is 13?

20%

2. $4 is what percent of $50?

8%

3. What number is 35% of 22?

7.7

4. 14% of 81 is what number?

11.3

5. 13 is 26% of what number?

50

6. 55 is 40% of what number?

137.5

7. What percent of 45 is 72?

160%

8. 1% of what number is 7?

700

9. 33 is 50% of what number?

66

10. What number is 3% of 100?

3

11. What percent of 200 is 0.5?

0.3%

12. What number is 0.4% of 20?

0.1

13. What number is 6.1% of 60?

3.7

14. What percent of 34 is 34?

100%

15. 10.4% of what number is 13?

125

16. **ALLOWANCE** Mallorie has $3 in her wallet. If this is 10% of her monthly allowance, what is her monthly allowance? **$30**

17. **WEDDING** Of the 125 guests invited to a wedding, 104 attended the wedding. What percent of the invited guests attended the wedding? **83.2%**

18. **CAMERA** The memory card on Melcher's digital camera can hold about 430 pictures. Melcher used 18% of the memory card while taking pictures at a family reunion. About how many pictures did Melcher take at the family reunion? Round to the nearest whole number. **77 pictures**

19. **OCEANS** Use the table shown.

a. The area of the Indian Ocean is what percent of the area of the Pacific Ocean? Round to the nearest whole percent. **39%**

Ocean	Area (square miles)
Pacific	64 million
Atlantic	32 million
Indian	25 million

b. If the area of the Arctic Ocean is 16% of the area of the Atlantic Ocean, what is the area of the Arctic Ocean? Round to the nearest whole million. **5 million square miles**