Homework Practice

Solve Percent Problems

Write a proportion and solve each problem.

1. What percent of 600 is 12?   **2.** $4 is what percent of $50?   **3.** What number is 35% of 20?

4. 15% of 20 is what number? **5.** 13 is 26% of what number? **6.** 10 is 40% of what number?

7. What percent of 400 is 72? **8.** 1% of what number is 7?   **9.** 33 is 50% of what number?

10. What number is 3% of 100?   **11.** What percent of 200 is 6?

12. What number is 15% of 40?   **13.** What number is 60% of 600?

14. What percent of 300 is 300?   **15.** 10% of what number is 30?

16. ALLOWANCE Mallorie has $5 in her wallet. If this is 10% of her monthly allowance, what is her monthly allowance?

17. WEDDING Of the 200 guests invited to a wedding, 154 attended the wedding. What percent of the invited guests attended the wedding?

18. CAMERA The memory card on Melcher's digital camera can hold about 400 pictures. Melcher used 24% of the memory card while taking pictures at a family reunion. How many pictures did Melcher take at the family reunion?

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.

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.

Fractions, Decimals, and Percents