

Lesson 8 Homework Practice

Solve Percent Problems

Write a proportion and solve each problem.

1. 13 is 26% of what number?
2. 10 is 40% of what number?
3. 1% of what number is 7?
4. 33 is 50% of what number?
5. 3% of what number is 3?
6. 6 is 3% of what number?
7. 6 is 15% of what number?
8. 60% of what number is 360?
9. 300 is 100% of what number?
10. 10% of what number is 30?

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

12. CAMERA Melcher used 24% of the memory card on his digital camera while taking pictures at a family reunion. If Melcher took 96 pictures at the family reunion, how many pictures can the memory card hold?

13. OCEANS Use the table shown.

a. The area of the Indian Ocean is about 39% of the area of which ocean shown in the table?

b. The area of the Arctic Ocean is about 5 million square miles. This is about 16% of the area of which ocean shown in the table?

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