

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