

Homework Practice**3MR1.1, 3NS2.4***Problem-Solving Investigation***Solve. Use any strategy shown below.**

- Use the four-step plan
- Solve a simpler problem
- Make an organized list
- Draw a picture
- Act it out
- Use logical reasoning

1. It's Monday night. Irene has to type up 16 pages between now and Friday morning. How many pages will she need to type a night to meet her deadline?

2. Ernesto has 8 dimes, 2 nickels and 10 pennies. What is the fewest number of coins he could carry in his pocket that would equal the same amount of money?

3. Four friends were sitting around a table playing cards. Jude sat across from Pat, and Kurt was to the left of Jude. Where was Sean?

4. Alicia is trying to decide how much lemonade to make. If two cups equals a pint, and 2 pints equals a quart, how many cups are in 4 quarts?

5. Bernice is designing a diamond pattern for her new patchwork quilt. How many right triangles can she make out of a square of fabric?

6. Mariano was offering Jackie a deal. He was offering her five-eighths of a 9-inch pizza for four-ninths of a 9-inch cake. If Jackie accepts, who is getting more to eat?

Multiply. (Lesson 14-4)

7. $22 \times 3 =$ _____
8. $44 \times 2 =$ _____
9. $123 \times 2 =$ _____
10. $3,003 \times 3 =$ _____
11. $212 \times 4 =$ _____
12. $424 \times 2 =$ _____