

## LESSON 25: Area and Perimeter of Rectangles with Word Problems

## Homework

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**Name** \_\_\_\_\_ **Date** \_\_\_\_\_**Directions:** Complete the SOLVE process for both word problems.

Melissa is painting a rectangular poster red. She has painted 44 square inches of space. She measured the length of the poster to be 11 inches. The poster will be put in the seventh grade hallway to advertise a play. What is the width of the poster?

- 1. S** Underline the question.  
This problem is asking me to find \_\_\_\_\_  
\_\_\_\_\_.
- 2. O** Identify the facts.  
Eliminate the unnecessary facts.  
List the necessary facts.
- 3. L** Choose an operation or operations.  
Write in words what your plan of action will be.
- 4. V** Estimate your answer.  
Carry out your plan.
  
- 5. E** Does your answer make sense? (Compare your answer to the question.)  
Is your answer reasonable? (Compare your answer to the estimate.)  
Is your answer accurate? (Check your work.)  
Write your answer in a complete sentence.

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**Name** \_\_\_\_\_ **Date** \_\_\_\_\_

Jarek is putting plastic tubing around the outside of his family's pool. The pool is a rectangle with a shallow end and a deep end. Jarek knows that the length of the pool measures 12 feet, and the width of the pool measures 5 feet. How much plastic tubing does he need for the pool?

**6. S** Underline the question.  
This problem is asking me to find \_\_\_\_\_  
\_\_\_\_\_.

**7. O** Identify the facts.  
Eliminate the unnecessary facts.  
List the necessary facts.

**8. L** Choose an operation or operations.  
Write in words what your plan of action will be.

**9. V** Estimate your answer.  
Carry out your plan.

**10. E** Does your answer make sense? (Compare your answer to the question.)

Is your answer reasonable? (Compare your answer to the estimate.)

Is your answer accurate? (Check your work.)

Write your answer in a complete sentence.