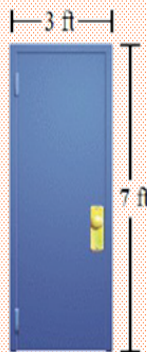# 3MD8 Worksheet video 1 Name _____

Solve the following problems. Use the work space to solve if needed.
Problem 1

The wall surrounding the door shown is 3 feet wider on each side of the door. It is also 3 feet taller than the door. What is the perimeter of the wall surrounding the door?

|—3 ft—|

7 ft

a. 32 feet b. 35 feet

c. 38 feet d. 41 feet

Solve the following problems. Use the work space to solve if needed.
Problem 2

Harper has a piece of licorice that is 8 inches long. Troy has a piece of licorice that is 3 inches shorter than Harper's piece. April has a piece of licorice that is twice as long as Troy's piece. How long is April's piece of licorice?

_____

Solve the following problems. Use the work space to solve if needed.
Problem 3

A wall in Carol's bedroom has an area of 80 square feet. She paints a rectangular mural that is 7 feet long and 5 feet wide. How much of the wall is not covered by the mural?

_____

Solve the following problems. Use the work space to solve if needed.
Problem 4

Penny is driving to her office. After 3 miles she is a third of the way there. How much farther does she have to drive to her office?

a. 1 mile   b. 3 miles
c. 6 miles   d. 9 miles

The front cover of a book is 70 square inches and the width is 7 inches. What is the perimeter of the book's front cover?

a. 28 in.   b. 30 in.
c. 32 in.   d. 34 in.