

## Lesson 32: Quiz 1 – Word Problems Using Division

Solve these paint problems! Select the choice that represents the best estimate.

1. The recreation room has four walls that are each 20' by 30'. The paint we need covers 400 square feet per gallon. Which is the best estimate for the amount of paint needed?

Select one:

- a. 10 gallons
- b. 6 gallons
- c. 60 gallons
- d. 4 gallons



2. The floor measures 11,000 square feet. About how much of this same paint is needed to paint the floor? (use information from question #1)

Select one:

- a. 10 gallons
- b. 20 gallons
- c. 30 gallons
- d. 3 gallons

Solve the room measurement problems below.

3. Desmond decided to see how many math textbooks he could line up across the classroom. Each textbook measured 11 by 8.5 inches. The room is 187 inches long. Using the longest dimension of the textbook, how many textbooks could he fit end-to-end across the room? \_\_\_\_\_



4. Using the information from the previous question, how many more textbooks could he fit across the classroom if he uses the shorter dimension of the textbook?  
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