The first 4 questions go together.

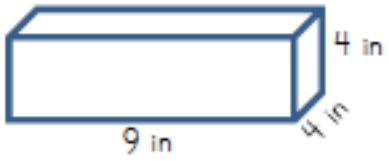
1. You want to paint the four walls in your bedroom. Each wall is 9 feet tall by 12 feet wide. What is the area of all four walls?

2. One gallon of paint costs $32 and will cover 200 square feet. How many full gallons of paint will you need?

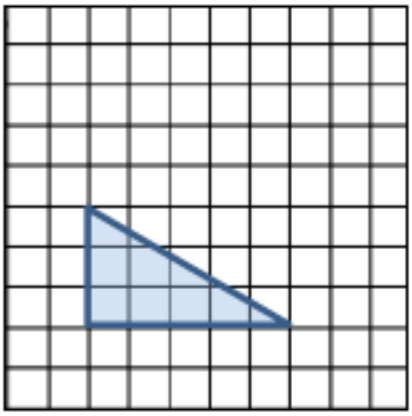
3. How much money will you spend on paint?

4. You decided to only paint three walls. How many gallons of paint will you need – and how much will you have to spend?

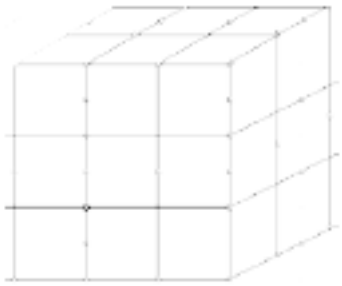
2. You have a baking dish with the given dimensions. You only want to fill it ¾ of the way full. How much can you put in the dish?



3. Find the area of the shape.



4.What is the volume of the prism?



These next 4 questions go together.

1. A rectangular prism measures 8ft by 4 ½ ft by 3 ¾ ft. What is the volume of the prism?

2. What is the area of each pair of sides of the prism?

8 by 4½ side = _____

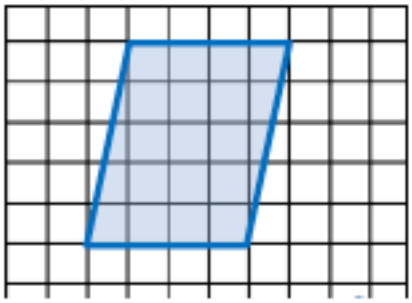
4½ by 3¾ side = _____

3¾ by 8 side =_____

3. What is the total surface area of the prism in problem #1 above?

4. If you wanted to paint the prism, and paint costs $1.50 per square foot of coverage, how much would you spend on paint?

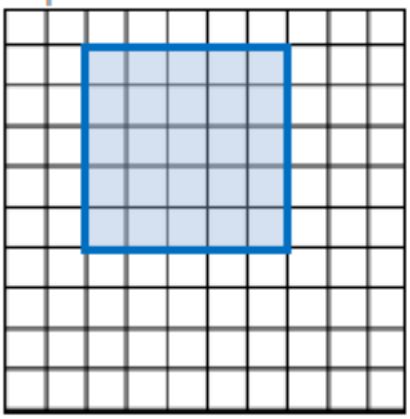
1. Find the area of the shape.



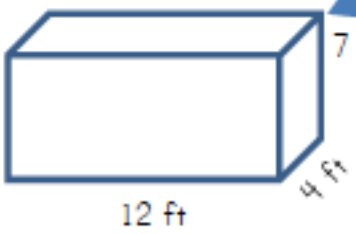
2. Draw what a net for a rectangular prism might look like.

What is the formula for finding the volume of a rectangular prism?

2. Find the area of the shape.



3. What is the volume of the shape below?



4. You only want this shape to be 1/3 of the way full. What will the volume be when it is filled to the level you want?