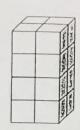
	a. b. b.	Study Guide Module 5
	TO SERVICE STATE OF THE SERVIC	Topic A and Topic B Quiz
	5 cubic units 12 cubic	units
1.	If this figure were to be folded into a box, how many cubes would fill	it?
	Number of cubes:	8
	Use unit cubes to build the figure to the right, and fill in the missing information. Number of layers:	ormation.
	This prism measures 3 units by 4 units by 2 units. Draw the layers as in Number of layers: 4 Number of cubic units in each layer: 6 Volume: cubic centimeters	ndicated.

1. Calculate the volume of prism.



Length: 2 mm

Width: 2 mm

Height: 4 mm

Volume: ____ (0 mm³

Write the multiplication sentence that shows how you calculated the volume. Be sure to include the units.

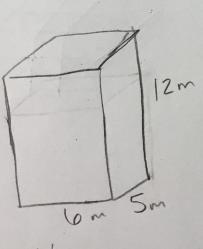
2mm x Zmm x 4mm = 16mm

2. A rectangular prism has a top face with an area of 20 ft² and a height of 5 ft. What is the volume of this rectangular prism?

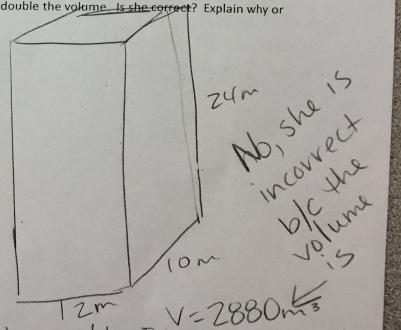
Area=1xw Volume=1xwxh

20f+3x 5f+=100f+3

A storage shed is a rectangular prism and has dimensions of 6 meters by 5 meters by 12 meters. If Jean were to double these dimensions, she believes she would only double the volume. Is she correct? Explain why or why not. Include a drawing in your explanation.



V=360m



Double would be 720.