Math Practice - Grade 5

M11 Volume - Volume with length times width times height

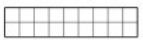
M11 5.MD.C.3, 5.MD.C.3a, 5.MD.C.3b, 5.MD.C.4, 5.MD.C.5, 5.MD.C.5a, 5.MD.C.5b, 5.MD.C.5c

Name: _____ Date: _____

Multiply length times width times height to find the volume.

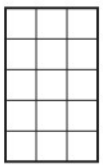
Example: Find the volume of the prism.

How: Volume is length times width times height.
Counting the cubes in rows, columns, and layers gives the same number.



Length: 9
Width: 2
Height: 3 layers
Volume = 54 cubic units

1



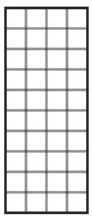
Length: 3

Width: 5

Height: 8 layers

Volume = _____

2



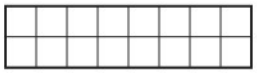
Length: 4

Width: 10

Height: 4 layers

Volume = _____

3



Length: 8

Width: 2

Height: 7 layers

Volume = _____

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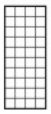
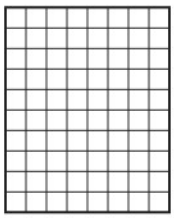


Length: 4
Width: 10
Height: 2 layers
Volume = 80 cubic units

1



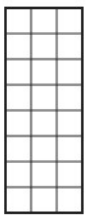
Length: 8

Width: 10

Height: 7 layers

Volume = _____

2



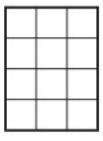
Length: 3

Width: 8

Height: 8 layers

Volume = _____

3



Length: 3

Width: 4

Height: 10 layers

Volume = _____

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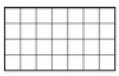
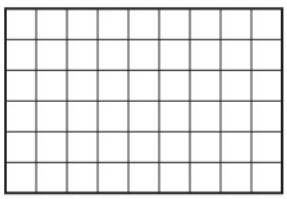


Length: 7
Width: 4
Height: 3 layers
Volume = 84 cubic units

1



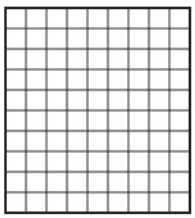
Length: 9

Width: 6

Height: 4 layers

Volume = _____

2



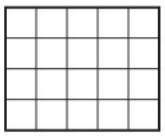
Length: 9

Width: 10

Height: 5 layers

Volume = _____

3



Length: 5

Width: 4

Height: 5 layers

Volume = _____