Math Practice - Grade 5

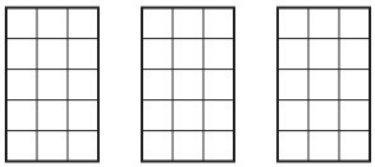
M11 Volume

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: _____

Count the unit cubes, layer by layer. Multiply length times width times height. Find the missing edge. Add the two prisms.

1 **Count the unit cubes in the solid.**



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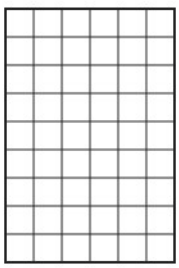
2 **Find the volume of the prism.**



Length: 6

Width: 9

Height: 6 layers

Volume = _____

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3 **The volume is 240 cubic units. Find the missing edge.**

Volume = 240 cubic units

Length: ?

Width: 8

Height: 3

Length = _____

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Count the unit cubes, layer by layer. Multiply length times width times height. Find the missing edge. Add the two prisms.

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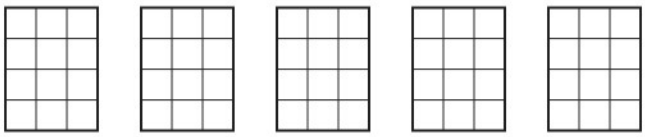

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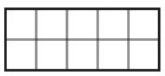
2 **Find the volume of the prism.**



Length: 5

Width: 2

Height: 8 layers

Volume = ☐

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3 **The volume is 64 cubic units. Find the missing edge.**

Volume = 64 cubic units

Length: 8

Width: ?

Height: 4

Width = ☐

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Name: _____ Date: _____

Count the unit cubes, layer by layer. Multiply length times width times height. Find the missing edge. Add the two prisms.

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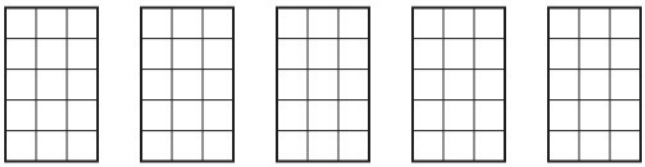

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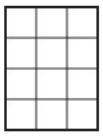
2 **Find the volume of the prism.**



Length: 3

Width: 4

Height: 5 layers

Volume = ☐

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3 **The volume is 32 cubic units. Find the missing edge.**

Volume = 32 cubic units

Length: 4

Width: 4

Height: ?

Height = ☐