Math Practice - Grade 5

M11 Volume - Volume of two prisms

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: _____

Find the volume of each prism, then add them.

Example: Find the volume of each prism, then add them.

How: Volume adds. Find each prism on its own, then add the two volumes. The prisms do not overlap, so nothing is counted twice.



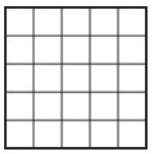
Prism A
5 x 4 x 4



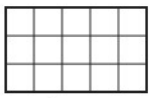
Prism B
4 x 5 x 3

Total volume = 140 cubic units

1



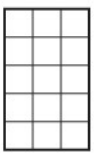
Prism A
5 x 5 x 5



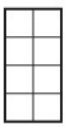
Prism B
5 x 3 x 5

Total volume = _____

2



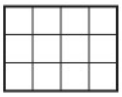
Prism A
3 x 5 x 2



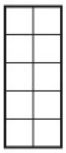
Prism B
2 x 4 x 2

Total volume = _____

3



Prism A
4 x 3 x 3



Prism B
2 x 5 x 3

Total volume = _____

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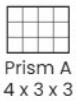
Name: _____ Date: _____

Find the volume of each prism, then add them.

Example: Find the volume of each prism, then add them.

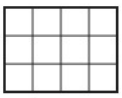
How: Volume adds. Find each prism on its own, then add the two volumes. The prisms do not overlap, so nothing is counted twice.



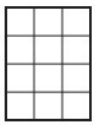


Total volume = 111 cubic units

1



Prism A
4 x 3 x 2



Prism B
3 x 4 x 3

Total volume = _____

2



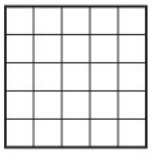
Prism A
3 x 3 x 5



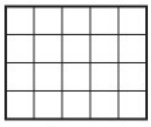
Prism B
3 x 2 x 2

Total volume = _____

3



Prism A
5 x 5 x 3



Prism B
5 x 4 x 5

Total volume = _____

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M11 Volume - Volume of two prisms

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Name: _____ Date: _____

Find the volume of each prism, then add them.

Example: Find the volume of each prism, then add them.

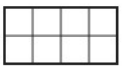
How: Volume adds. Find each prism on its own, then add the two volumes. The prisms do not overlap, so nothing is counted twice.

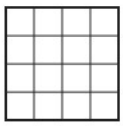

Prism A
4 x 3 x 3


Prism B
5 x 3 x 4

Total volume = 96 cubic units

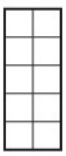
1


Prism A
4 x 2 x 5


Prism B
4 x 4 x 5

Total volume = _____

2

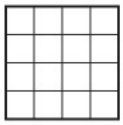

Prism A
2 x 5 x 5


Prism B
3 x 3 x 3

Total volume = _____

3


Prism A
2 x 2 x 5


Prism B
4 x 4 x 3

Total volume = _____