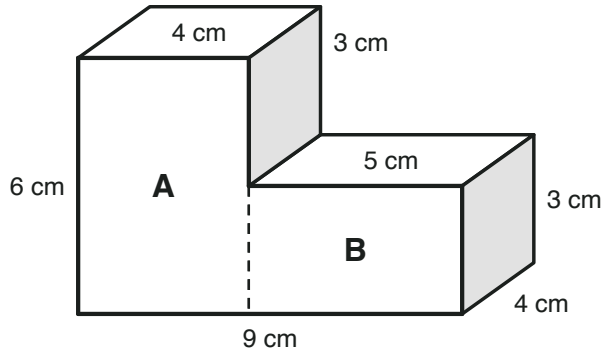
Volume of Composite Solids Set A

Name: _____

Each solid is split into two rectangular prisms for you.

Find the volume of prism A and prism B. Add them to get the volume of the whole solid.

1.

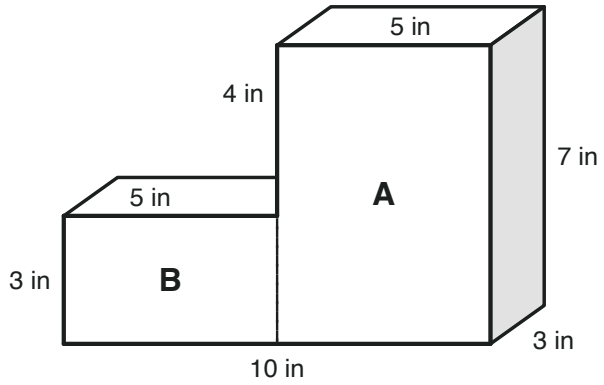


A ____ × ____ × ____ = ____

B ____ × ____ × ____ = ____

Volume = ____ + ____ = ____ cubic cm

2.

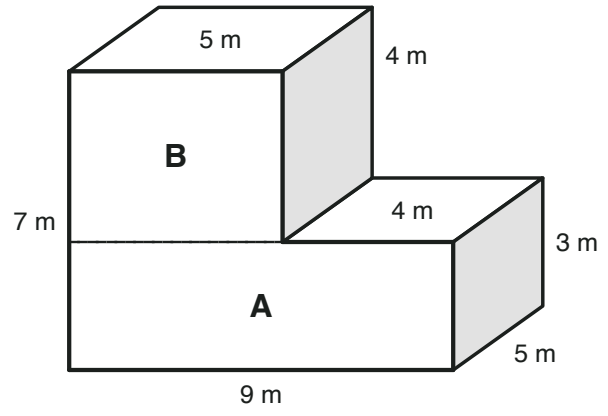


A ____ × ____ × ____ = ____

B ____ × ____ × ____ = ____

Volume = ____ + ____ = ____ cubic in

3.

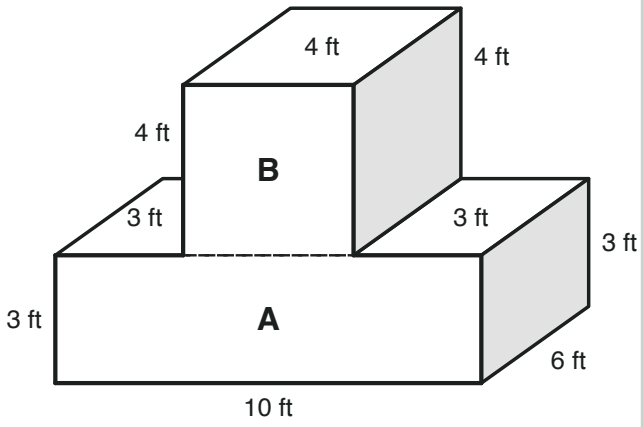


A ____ × ____ × ____ = ____

B ____ × ____ × ____ = ____

Volume = ____ + ____ = ____ cubic m

4.



A ____ × ____ × ____ = ____

B ____ × ____ × ____ = ____

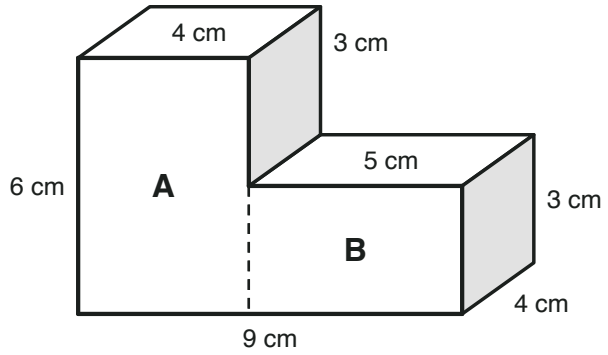
Volume = ____ + ____ = ____ cubic ft

Volume of Composite Solids Set A (Answer Key)

Each solid is split into two rectangular prisms for you.

Find the volume of prism A and prism B. Add them to get the volume of the whole solid.

1.

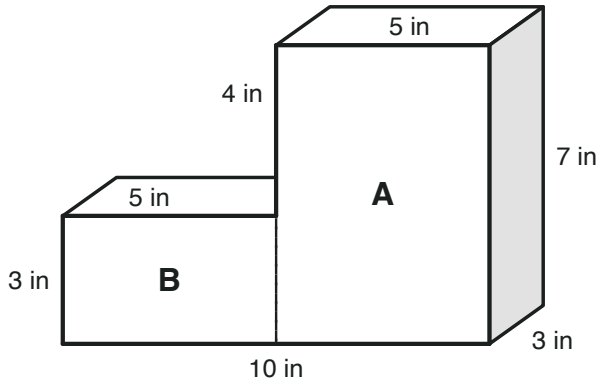


A 4 × 4 × 6 = 96

B 5 × 4 × 3 = 60

Volume = 96 + 60 = 156 cubic cm

2.

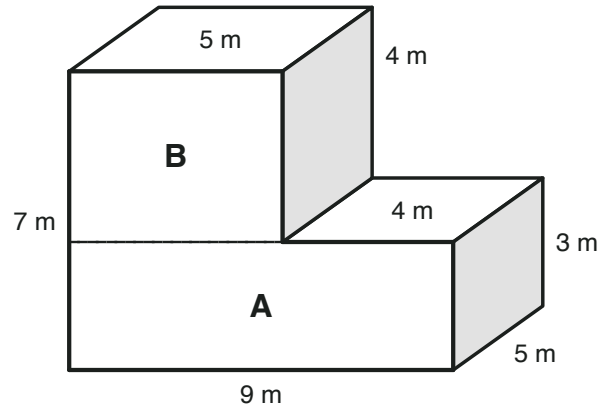


A 5 × 3 × 7 = 105

B 5 × 3 × 3 = 45

Volume = 105 + 45 = 150 cubic in

3.

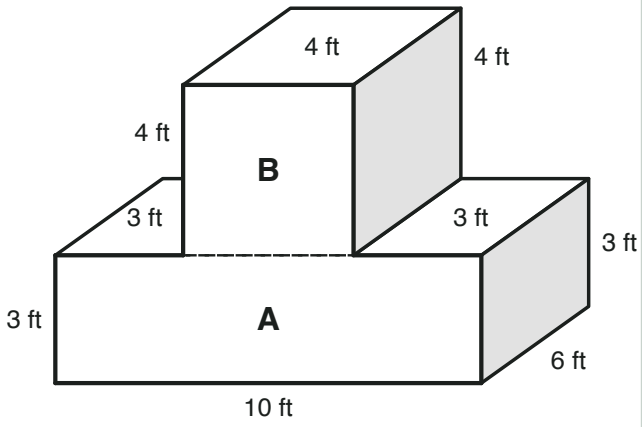


A 9 × 5 × 3 = 135

B 5 × 5 × 4 = 100

Volume = 135 + 100 = 235 cubic m

4.



A 10 × 6 × 3 = 180

B 4 × 6 × 4 = 96

Volume = 180 + 96 = 276 cubic ft