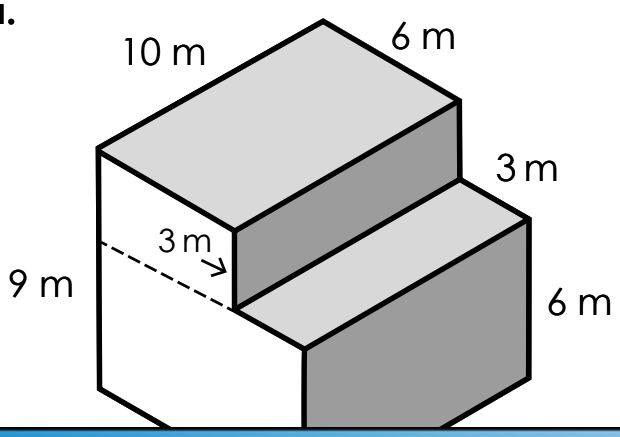
Name: _____

Volume of Composite Figures

Find the volume of each solid figure.

a.



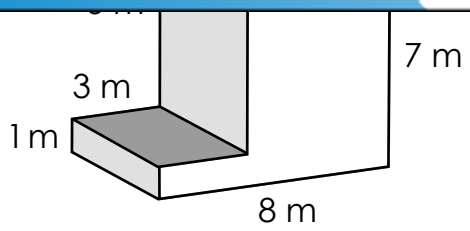
Volume of part 1:

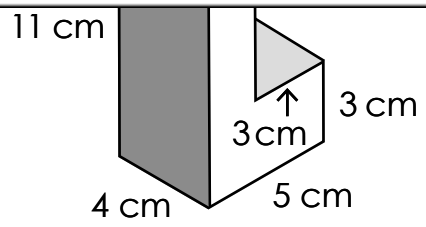
_____ x _____ x _____ = _____ m^3

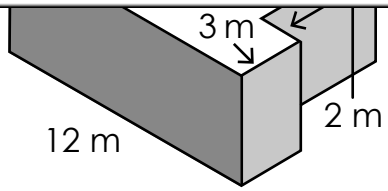
Volume of part 2:

_____ x _____ x _____ = _____ m^3

Volume of shape:







_____ _____ _____

_____ _____ _____

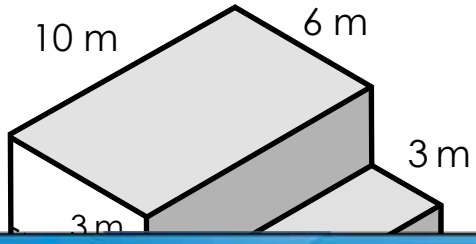
_____ _____ _____

ANSWER KEY

Volume of Composite Figures

Find the volume of each solid figure.

a.



Volume of part 1:

10 x 6 x 3 = 180 m³

Volume of part 2:

9 m³

b.

1 m

6 m³

1 m³

18 m³

or

1 x 3 x 6 = 18 m³

5 x 6 x 7 = 210 m³

18 + 210 = 228 m³

or

2 x 11 x 4 = 88 cm³

3 x 3 x 4 = 36 cm³

88 + 36 = 124 cm³

or

12 x 3 x 5 = 180 m³

6 x 10 x 5 = 300 m³

180 + 300 = 480 m³