

Volume Ordering



Use the formula **volume = length x height x width** to calculate the volume of these cuboids and sort them from smallest to largest. The cuboids are not drawn to scale.

1

A. Total Volume =

.....

A 3D diagram of a cuboid. The height is labeled as 4m, the length as 3m, and the width as 5m.

B. Total Volume =

.....

A 3D diagram of a cuboid. The height is labeled as 2m, the length as 6m, and the width as 3m.

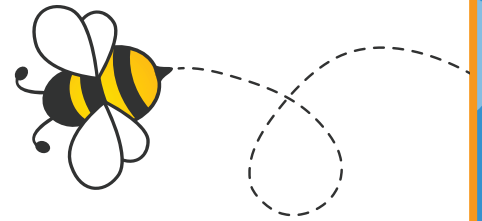
C. Total Volume =

.....

A 3D diagram of a cuboid. The height is labeled as 6m, the length as 3m, and the width as 3m.

Order smallest to largest:

.....



2

A. Total Volume =

.....

A 3D diagram of a cuboid. The height is labeled as 12mm, the length as 8mm, and the width as 4mm.

B. Total Volume =

.....

A 3D diagram of a cuboid. The height is labeled as 20mm, the length as 4mm, and the width as 5mm.

C. Total Volume =

.....

A 3D diagram of a cuboid. The height is labeled as 9mm, the length as 10mm, and the width as 5mm.

Order smallest to largest:

.....

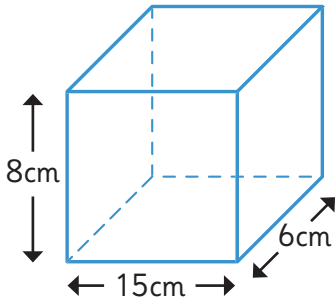
Volume Ordering



3

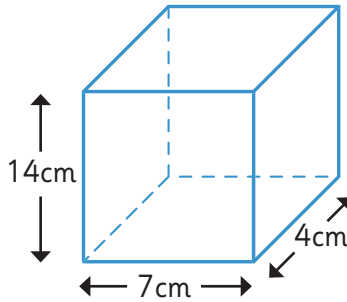
A. Total Volume =

.....



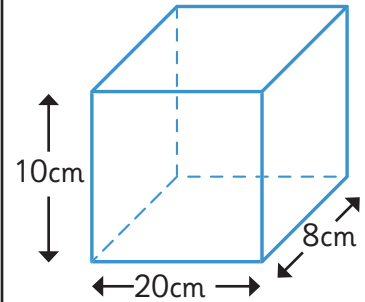
B. Total Volume =

.....



C. Total Volume =

.....



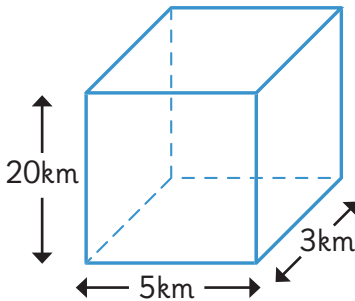
Order smallest to largest:

.....

4

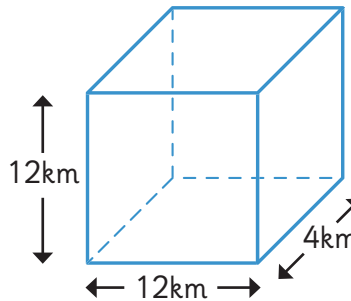
A. Total Volume =

.....



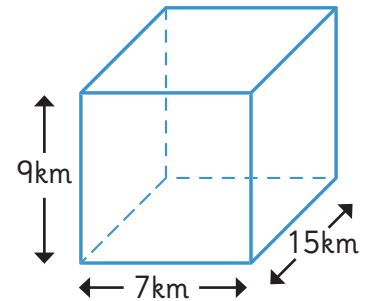
B. Total Volume =

.....



C. Total Volume =

.....



Order smallest to largest:

.....



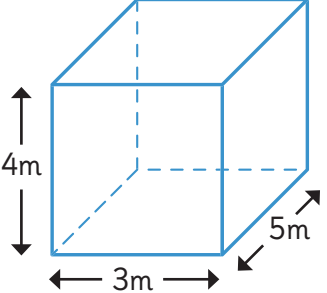
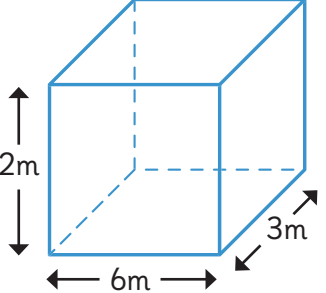
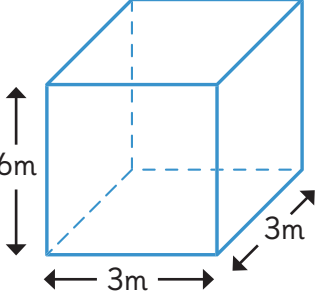
Volume Ordering

Answers



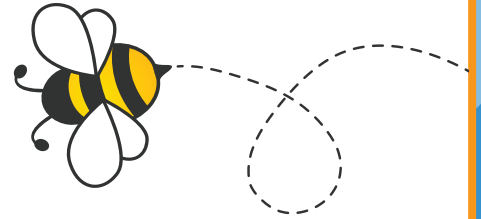
Use the formula **volume = length x height x width** to calculate the volume of these cuboids and sort them from smallest to largest. The cuboids are not drawn to scale.

1

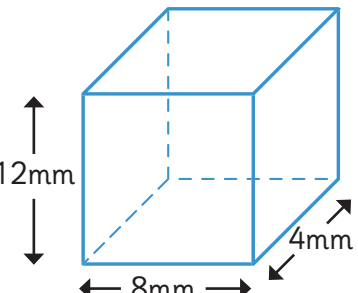
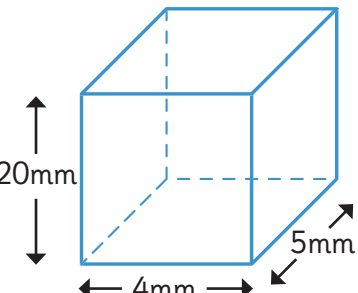
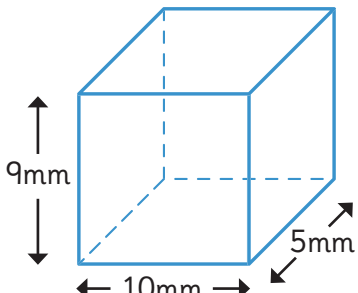
<p>A. Total Volume =</p> <p>60m^3</p> 	<p>B. Total Volume =</p> <p>36m^3</p> 	<p>C. Total Volume =</p> <p>54m^3</p> 
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Order smallest to largest:

B, C, A



2

<p>A. Total Volume =</p> <p>384mm^3</p> 	<p>B. Total Volume =</p> <p>400mm^3</p> 	<p>C. Total Volume =</p> <p>450mm^3</p> 
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Order smallest to largest:

A, B, C

Volume Ordering

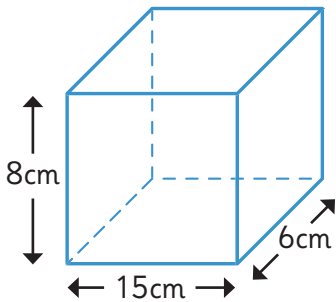
Answers



3

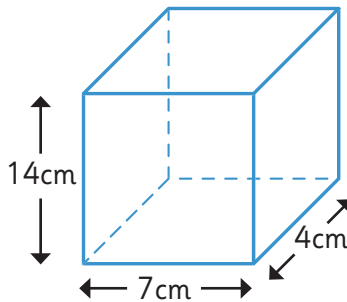
A. Total Volume =

720cm³



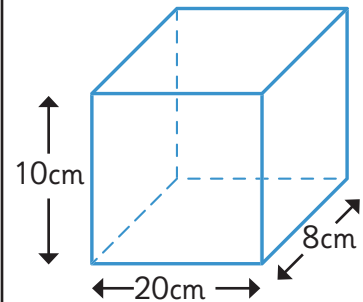
B. Total Volume =

392cm³



C. Total Volume =

1600cm³



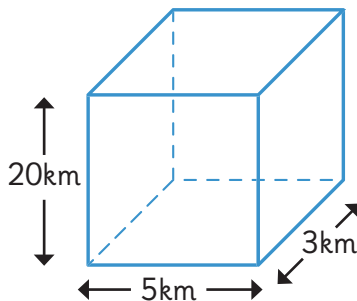
Order smallest to largest:

B, A, C

4

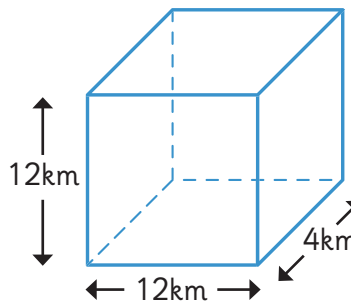
A. Total Volume =

300km³



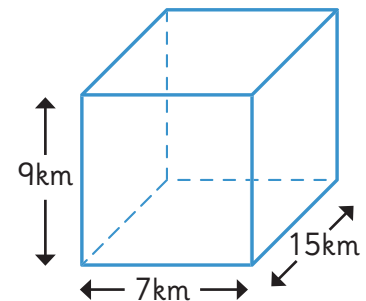
B. Total Volume =

576km³



C. Total Volume =

945km³



Order smallest to largest:

A, B, C

