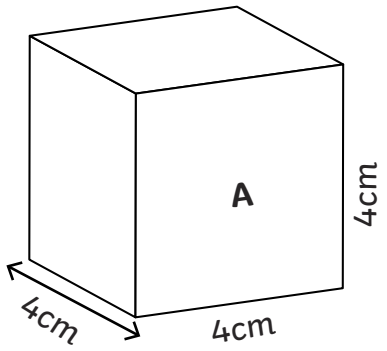
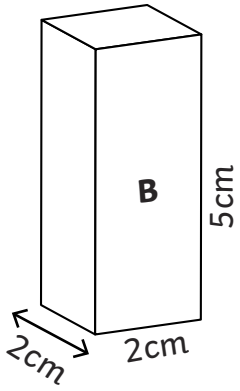
Volume of Cubes and Cuboids

I can calculate and compare the volume of cubes and cuboids.

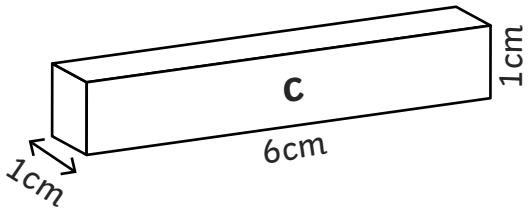
Calculate the volume of these cubes and cuboids and order them from smallest to greatest volume.



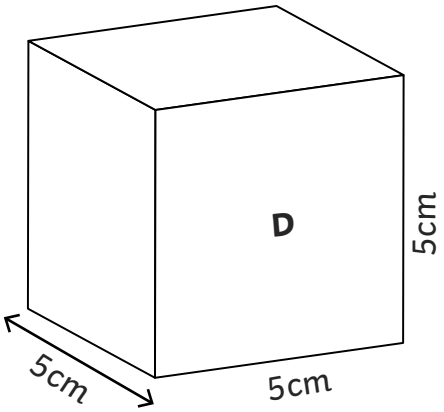
Volume =



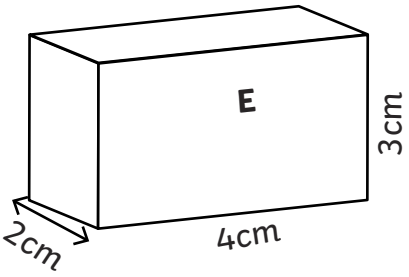
Volume =



Volume =



Volume =



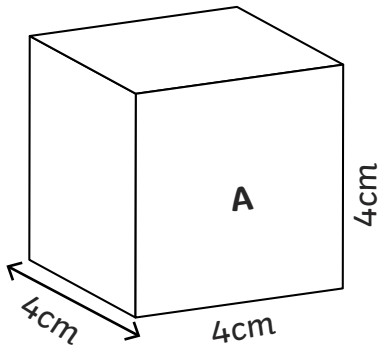
Volume =

smallest				greatest

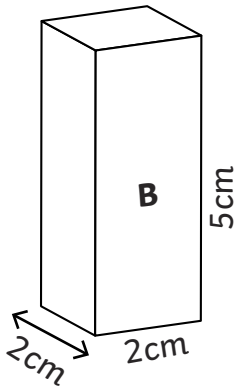
Please note: shapes are not drawn to the same scale.

Volume of Cubes and Cuboids **Answers**

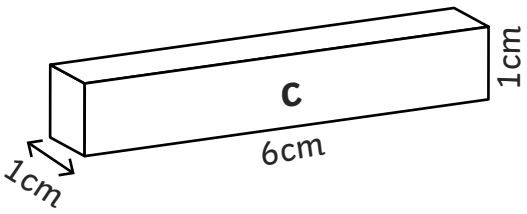
Calculate the volume of these cubes and cuboids and order them from smallest to greatest volume.



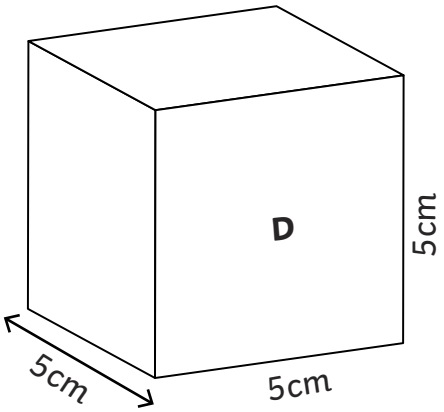
Volume = **64cm³**



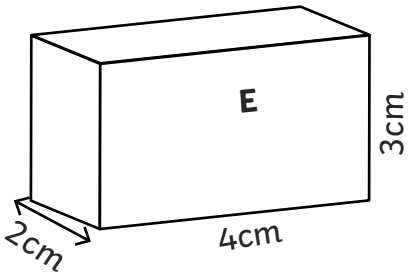
Volume = **20cm³**



Volume = **6cm³**



Volume = **125cm³**



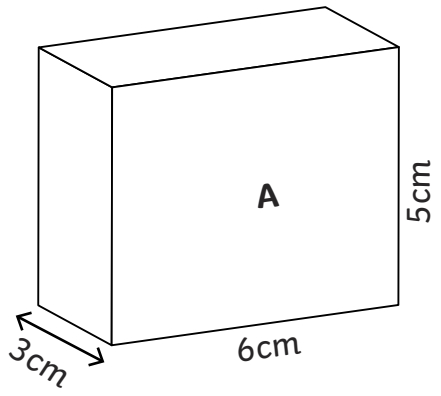
Volume = **24cm³**

smallest				greatest
C	B	E	A	D

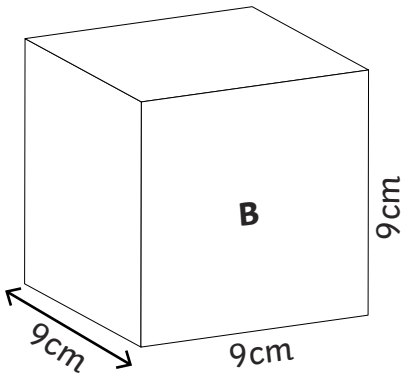
Volume of Cubes and Cuboids

I can calculate and compare the volume of cubes and cuboids.

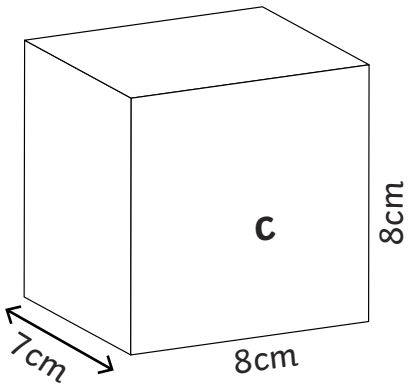
1. Calculate the volume of these cubes and cuboids and order them from smallest to greatest volume.



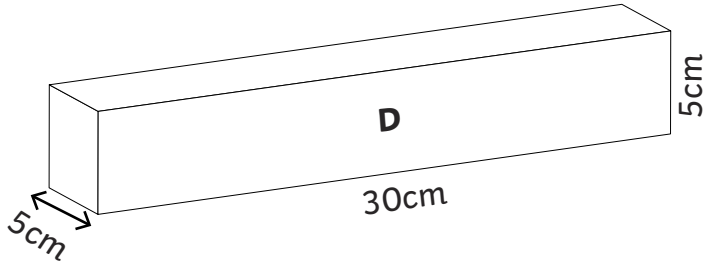
Volume =



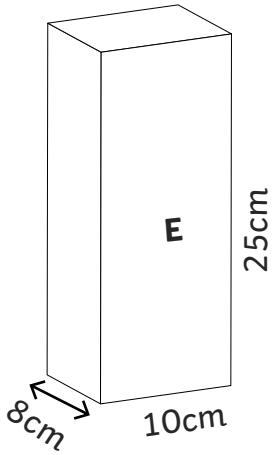
Volume =



Volume =



Volume =



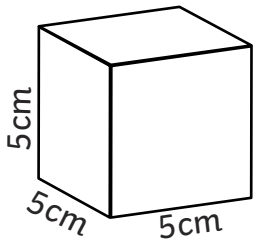
Volume =

smallest				greatest

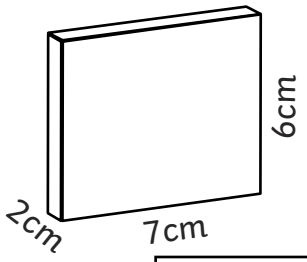
Please note: shapes are not drawn to the same scale.

2. Use <, > or = to compare these cubes and cuboids.

a)

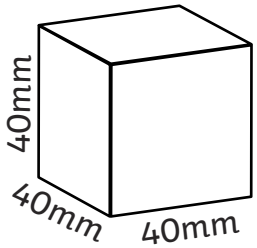


volume = cm³

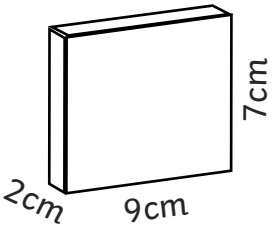


volume = cm³

b)

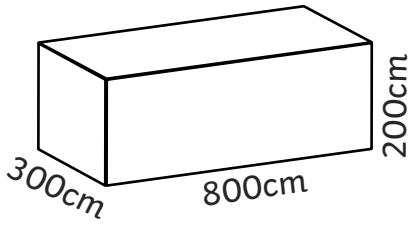


volume = cm³

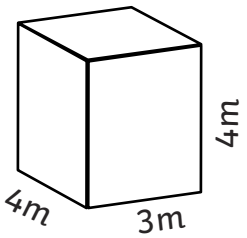


volume = cm³

c)



volume = cm³



volume = cm³

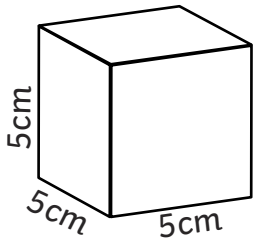
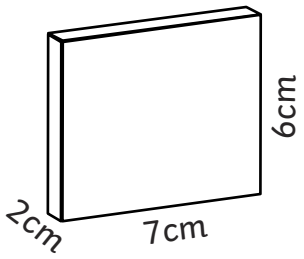
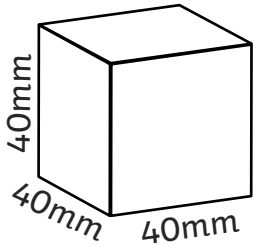
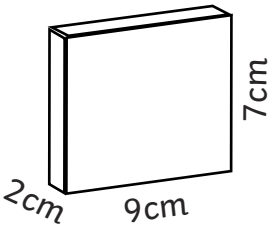
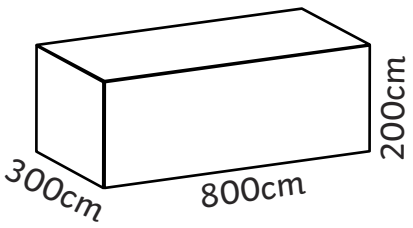
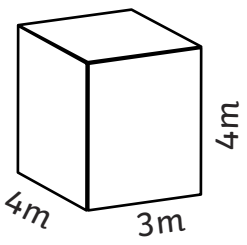
Volume of Cubes and Cuboids **Answers**

1. Calculate the volume of these cubes and cuboids and order them from smallest to greatest volume.

   A) **90cm³** B) **729cm³** C) **448cm³** D) **750cm³** E) **2000cm³**

smallest				greatest
A	**C**	**B**	**D**	**E**

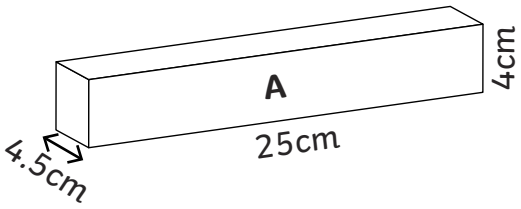
2. Use <, > or = to compare these cubes and cuboids.

a)  **Volume = 125cm³**	**>**	 **Volume = 84cm³**
b)  **Volume = 64cm³ or 64 000mm³**	**<**	 **Volume = 126cm³ or 126 000mm³**
c)  **Volume = 48 000 000cm³ or 48m³**	**=**	 **Volume = 48 000 000cm³ or 48m³**

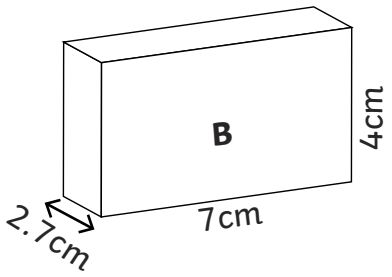
Volume of Cubes and Cuboids

I can calculate and compare the volume of cubes and cuboids.

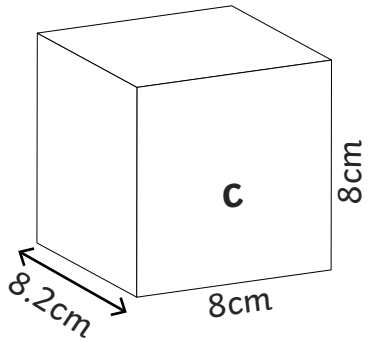
1. Calculate the volume of these cubes and cuboids and order them from smallest to greatest volume.



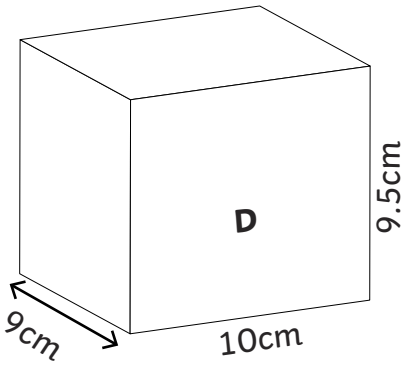
Volume =



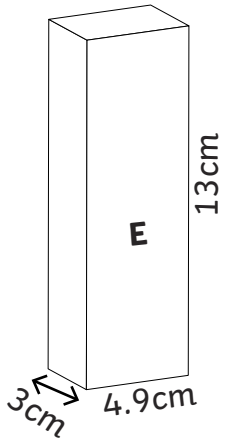
Volume =



Volume =



Volume =



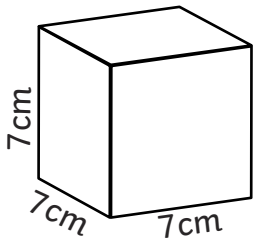
Volume =

smallest				greatest

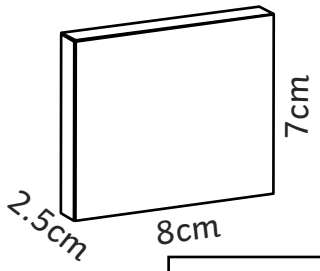
Please note: shapes are not drawn to the same scale.

2. Use <, > or = to compare these cubes and cuboids.

a)

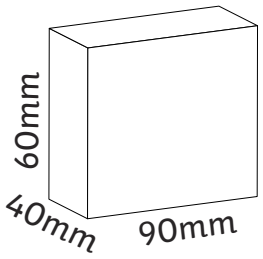


volume =

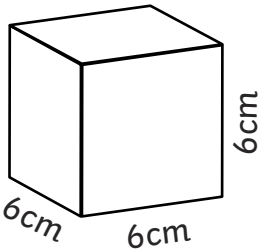


volume =

b)

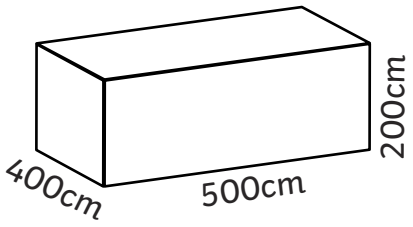


volume =

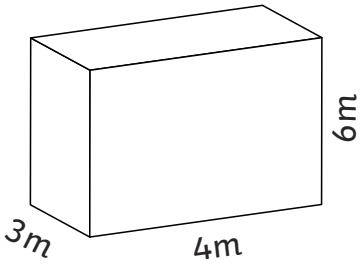


volume =

c)



volume =



volume =

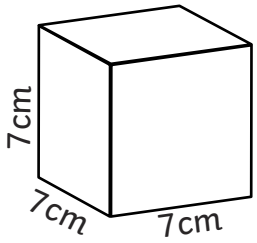
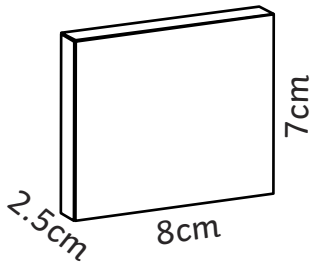
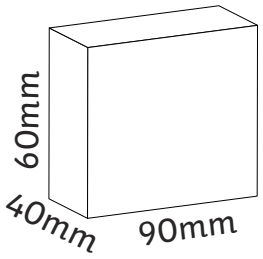
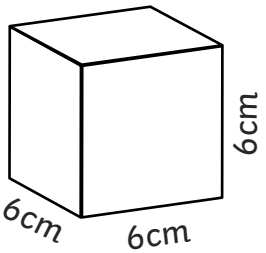
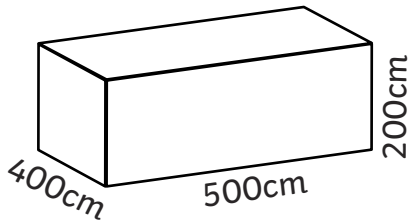
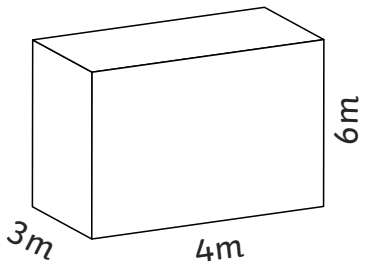
Volume of Cubes and Cuboids **Answers**

1. Calculate the volume of these cubes and cuboids and order them from smallest to greatest volume.

   A) 450cm³ B) 75.6cm³ C) 524.8cm³ D) 855cm³ E) 191.1cm³

smallest				greatest
B	E	A	C	D

2. Use <, > or = to compare these cubes and cuboids.

a)  **Volume = 343cm³**	>	 **Volume = 140cm³**
b)  **Volume = 216cm³ or 216 000mm³**	=	 **Volume = 216cm³ or 216 000mm³**
c)  **Volume = 40 000 000cm³ or 40m³**	<	 **Volume = 72 000 000cm³ or 72m³**