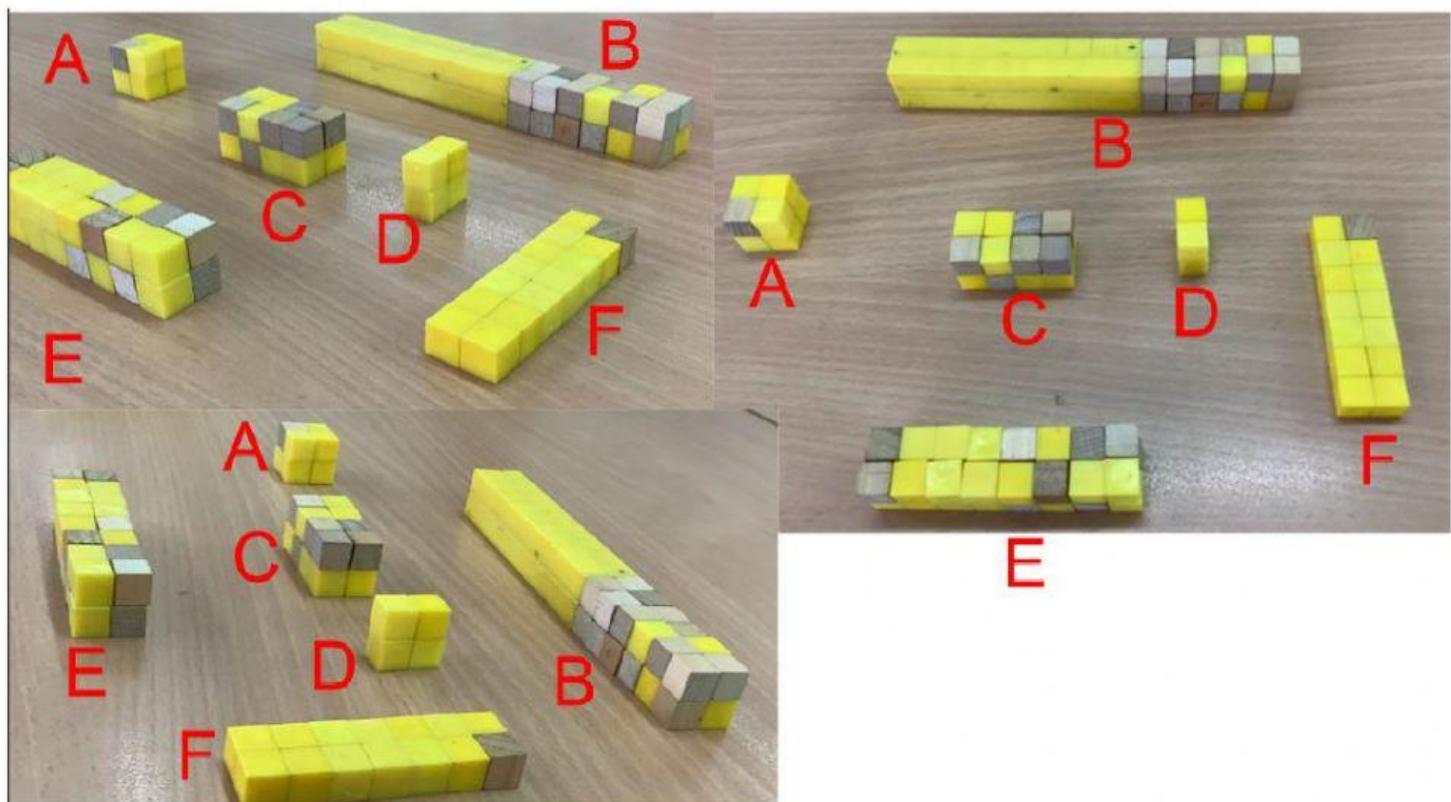


Volume and Comparison of Prisms.

Name _____



What is the volume of Prism A? $L \times W \times H = \underline{\hspace{2cm}}$ cubic cm

$$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$$

What prism is 2x larger than Prism A? Prism _____

What is the volume of Prism B? $L \times W \times H = \underline{\hspace{2cm}}$ cubic cm

$$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$$

What prism is 4x smaller than Prism B? Prism _____

Put in the unit of measurement.

Leave a space between the amount and the unit.

2 m 20 cm 14 mm

What is the volume of Prism E? $L \times W \times H = \underline{\hspace{2cm}}$ cubic cm

$$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$$

What prism is 2x smaller than Prism E? Prism _____

Prism X has a volume of 48 cubic centimetres. Prism Y has a volume of 6 cubic centimetres.

Prism Z has a volume of 120 cubic centimetres. Prism W has a volume of 50 cubic centimetres.

Prism X is $\underline{\hspace{1cm}}$ x larger than Prism Y Prism Y is $\underline{\hspace{1cm}}$ x smaller than Prism Z

Prism X is $\underline{\hspace{1cm}}$ x smaller than Prism Z The dimensions of Prism Z are 2cm x 6cm x $\underline{\hspace{1cm}}$ cm

If Prism U has a volume 2.5x smaller than Prism W, then its volume is $\underline{\hspace{2cm}}$ cubic centimetres.