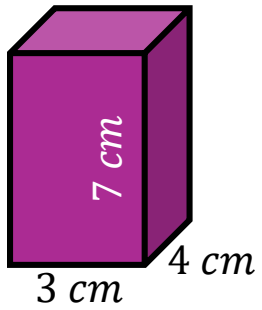
Timester Challenge

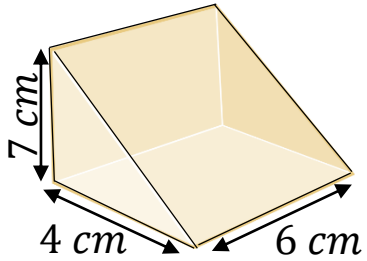
Volume of a Prism

Calculate the volume.



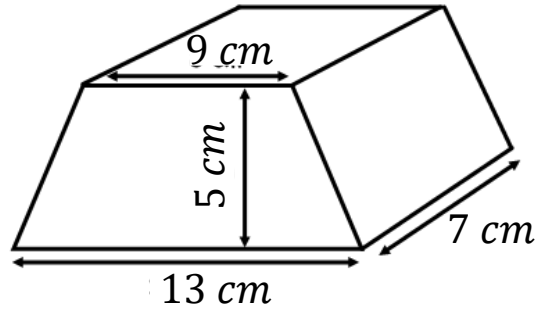
Bronze

Calculate the volume of the triangular prism.

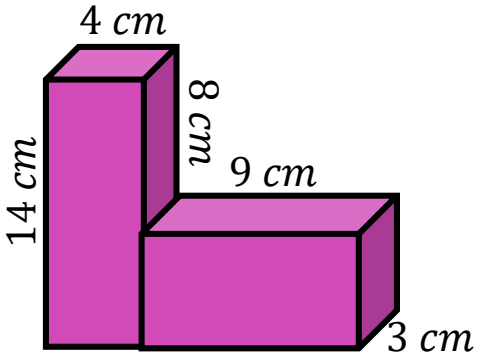


Silver

Calculate the volume.

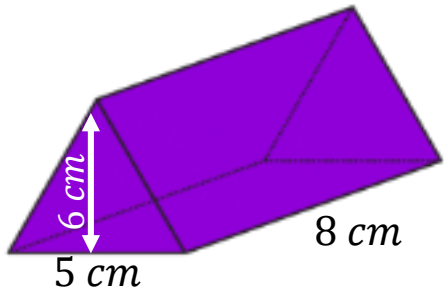


Calculate the volume.



Bronze

Calculate the volume of the triangular prism.



Silver

$x =$_____

Gold

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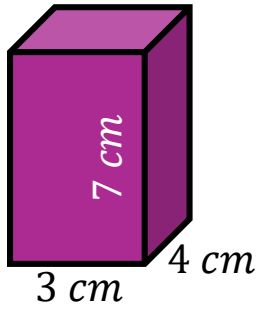
Timester Challenge

Volume of a Prism

Answers

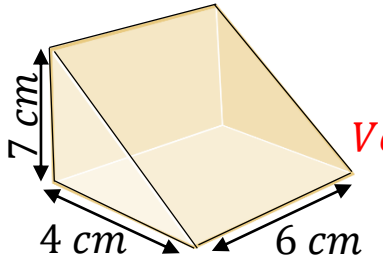
Calculate the volume.



$$Volume = 7 \times 4 \times 3$$
$$= 84\ cm^3$$

Bronze

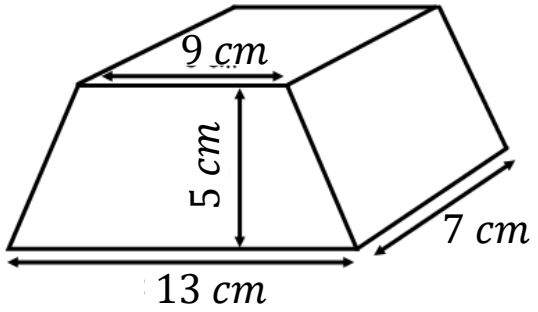
Calculate the volume of the triangular prism.



$$CSA = \frac{4 \times 7}{2}$$
$$= 14\ cm^2$$
$$Volume = 14 \times 6$$
$$= 84cm^3$$

Silver

Calculate the volume.

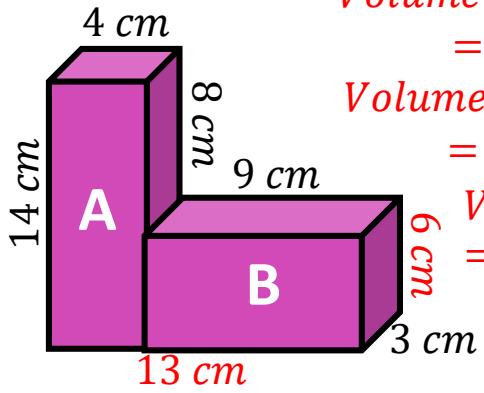


$$CSA = \frac{13 + 9}{2} \times 5$$
$$= 55\ cm^2$$
$$Volume = 55 \times 7$$
$$= 385cm^3$$

$x =$_____

Gold

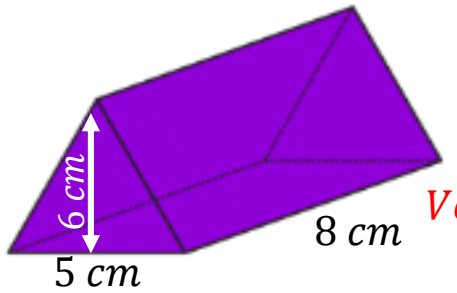
Calculate the volume.



$$Volume\ A = 4 \times 14 \times 3$$
$$= 168\ cm^3$$
$$Volume\ B = 9 \times 6 \times 3$$
$$= 162\ cm^3$$
$$Volume\ A + B$$
$$= 168 + 162$$
$$= 330\ cm^3$$

Bronze

Calculate the volume of the triangular prism.



$$CSA = \frac{5 \times 6}{2}$$
$$= 15\ cm^2$$
$$Volume = 15 \times 8$$
$$= 120\ cm^3$$

Silver