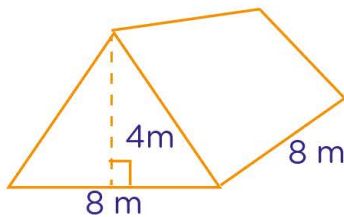


Name: ..... Class: .....

## Volume of triangular prism

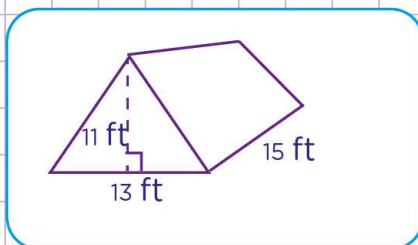
What is the volume of the figure below?



Formular for the volume of a triangular prism is

$$\text{Volume} = \frac{1}{2} \times \text{base}(b) \times \text{height}(h) \times \text{length}(l)$$

Find the volume of each triangular prism below in cubic feet. Tick the most correct answer.

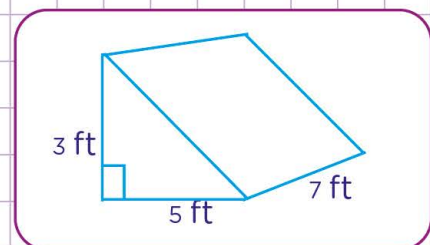


☐ 1, 072.5

☐ 1, 072.5 feet<sup>3</sup>

☐ 1, 072.5m

☐ 1, 072.5 m<sup>3</sup>



☐ 52.5 m<sup>3</sup>

☐ 52.5 cm<sup>3</sup>

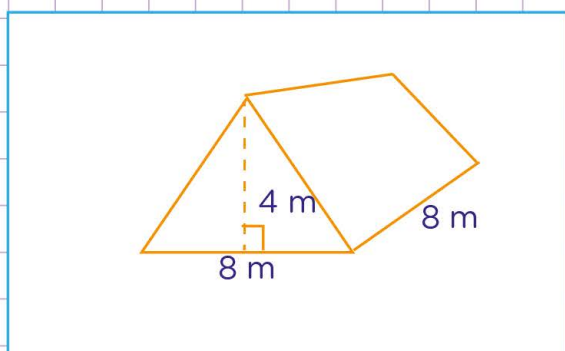
☐ 52.5 yd<sup>3</sup>

☐ 52.5 ft<sup>3</sup>

Name: ..... Class: .....

### Volume of triangular prism

What is the volume of the figure below?



Formular for the volume of a triangular prism is

$$\text{Volume} = \frac{1}{2} \times \text{base}(b) \times \text{height}(h) \times \text{length}(l)$$

Find the base, height, and length of the triangular prism.

base = 8 m, height = 4 m, length = 8 m

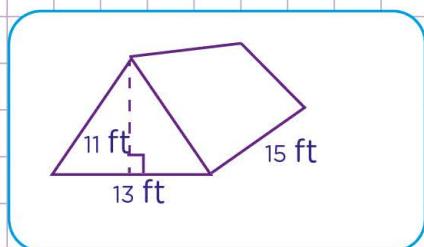
Substitute these numbers in the formula.

$$\text{Volume} = \frac{1}{2} \times b \times h \times l$$

$$\frac{1}{2} \times 8 \times 4 \times 8 = 128$$

So, the volume is 128 cubic meters.

Find the volume of each triangular prism below in cubic feet. Tick the most correct answer.

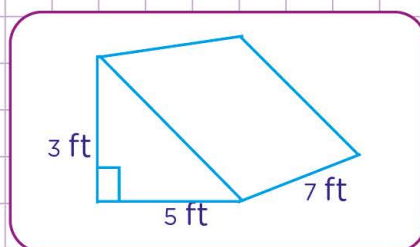


☐ 1, 072.5

☒ 1, 072.5 feet<sup>3</sup>

☐ 1, 072.5m

☐ 1, 072.5 m<sup>3</sup>



☐ 52.5 m<sup>3</sup>

☐ 52.5 cm<sup>3</sup>

☐ 52.5 yd<sup>3</sup>

☒ 52.5 ft<sup>3</sup>