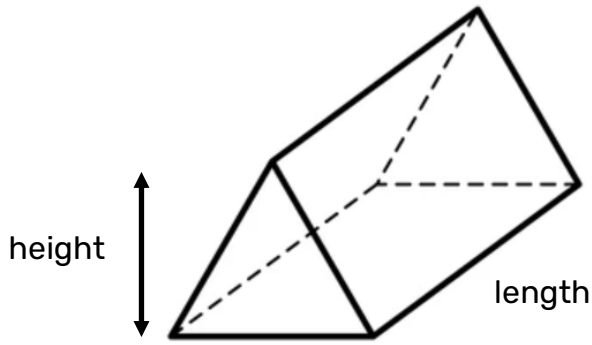
Robot Maths - Volume (triangular prisms)

Example: Work out the volume of this triangular prism



Have the dimensions been given the same unit of measurement (e.g. are they all measured in metres)?

Yes

Work out the area of the cross-section (the front face)

The area of a triangle is base x height ÷ 2

No

Convert the dimensions so that they have the same unit of measurement

Volume of a prism
= **area of the cross-section x length**

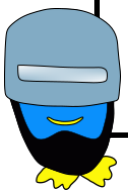
Make your final answer clear using a full sentence, including the correct unit of measurement

The volume of the triangular prism is

© Adam Up Maths

Robot Maths - Volume (triangular prisms)

Example: Work out the volume of this triangular prism



Have the dimensions been given the same unit of measurement (e.g. are they all measured in metres)?

Yes

Work out the area of the cross-section (the front face)

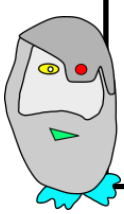
The area of a triangle is base x height ÷ 2

No

Convert the dimensions so that they have the same unit of measurement

Volume of a prism
= **area of the cross-section x length**

Make your final answer clear using a full sentence, including the correct unit of measurement



The volume of the triangular prism is

© Adam Up Maths