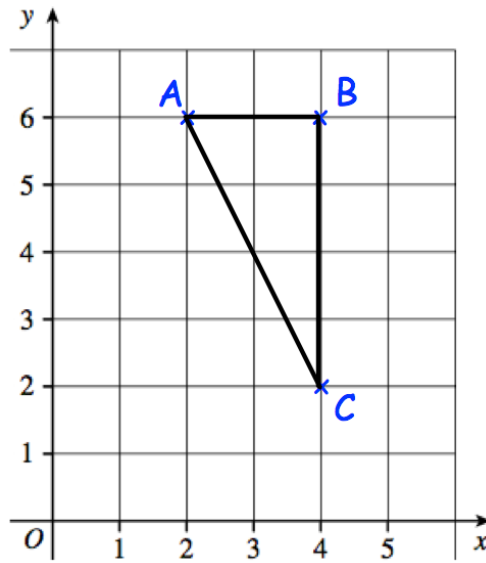


19th October



Corbettmaths

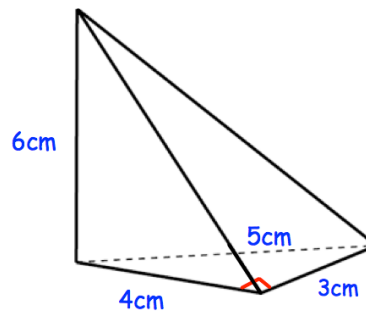


Triangle ABC is drawn on the grid.
 Enlarge triangle ABC with scale factor $\frac{1}{2}$ and centre (0,0)

Philip runs at an average speed of 4 m/s.
 How long will it take Philip to complete a 10 kilometre race?
 Give your answer in minutes and seconds.



A triangular-based pyramid is shown.
 Calculate the volume of the pyramid.



Write down the exact value of $\tan 45^\circ$

Write down the exact value of $\tan 60^\circ$