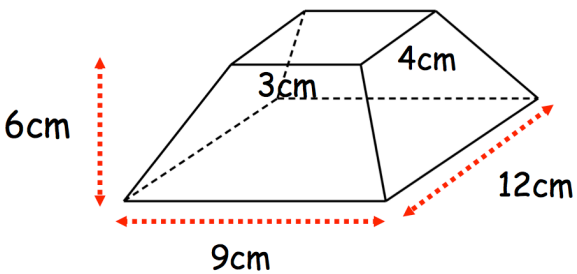




Expand and simplify

$$(x + 2)(3x - 1)^2$$

Shown is a frustum of a pyramid.



Work out the height of the original pyramid.

Find the volume of the frustum.

Two ships, A and B, leave a port at midday.

Ship A travelled on a bearing of  $015^\circ$  at a speed of 20km/h

Ship B travelled on a bearing of  $117^\circ$  at a speed of 45km/h

What is the bearing of ship A from ship B at 15:00?