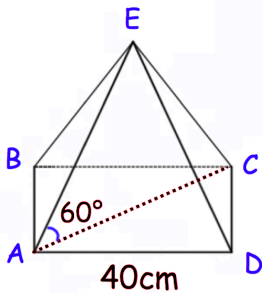




Tom and Ben sit their driving test.  
 The probability Tom passes is 0.4.  
 The probability that only one man passes is 0.56.

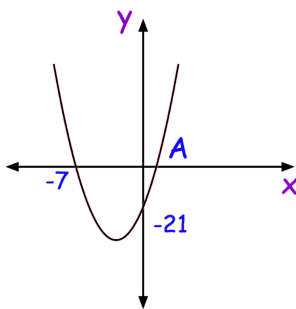
Find the probability they both fail.  
 \*You may assume the events are independent.

Here is a square based pyramid.



Calculate the volume of the pyramid.

Melanie draws the graph of  $y = x^2 + ax + b$



Find the coordinates of the point A

The graph crosses the x-axis at the points  $(-7, 0)$  and **A**  
 The graph crosses the y-axis at the point  $(0, -21)$

Find the coordinates of the turning point

Shown is a right angled triangle.  
 Find the value of x.

