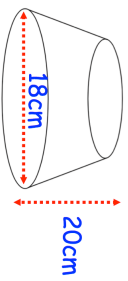
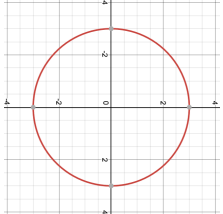
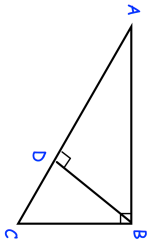
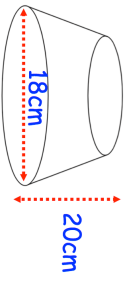
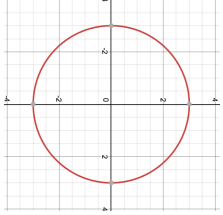
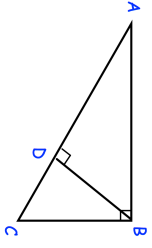


22nd November		Corbettmaths
The events A and B are mutually exclusive.		
$P(A) = 0.7$ $P(B) = 0.2$ Find $P(A \cap B)$		
 <p>Shown is a frustum of a cone that had a perpendicular height of 40cm</p>	Calculate the volume of the frustum	
	Write down the equation of the circle shown in the form: $x^2 + y^2 + ax + by + c = 0$	
	ABC and ABD are right angled triangles. ADC is a straight line. Prove ABC and BCD are similar triangles.	
The line $l$ is a tangent to the circle $x^2 + y^2 = 90$ at the point P. P is the point (3, 9) The line $l$ crosses the x-axis at the point Q.	Work out the area of triangle OPQ.	

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