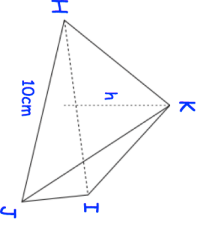
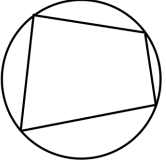
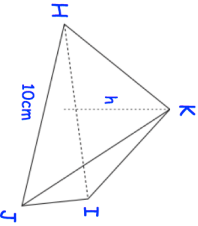
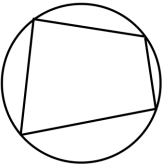


26th March		Corbettmaths
A, B and C have coordinates (2, 9), (5, -3) and (6, k) respectively. AB is perpendicular to AC		
Find k		
	<p>HIJK is a triangle based pyramid. The base HIJ is an equilateral triangle with side 10cm. The volume of the pyramid is 3000cm³. Calculate the perpendicular height, h, of the pyramid.</p>	
The point $(-6, -7)$ is the turning point of the graph $y = x^2 + ax + b$		
Find a and b		
C and D are two independent events		
$P(C) = 0.6$ $P(D) = 0.3$ Find $P(C \cap D)$		
	Prove the opposite angles in a cyclic quadrilateral add to 180°	

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