



a Find x to 1 decimal place 12 cm 9.7 cm a shorter side, turned round	b Find x to 1 dp 8 cm 7.1 cm two triangles: a shared side	c Find x to 1 dp 8 cm 9.8 cm the hypotenuse from the adjacent	d Find θ to 1 dp 9 cm 63.6° an angle from cos, turned round
e Find x to 1 dp 6.8 cm isosceles: trig on half, then double	f Find θ to 1 dp 44.4° two triangles: trig then trig	g Find the length AC 10 cm a right angled triangle on a face	h Find the length AG 13 cm the space diagonal of a cuboid
i Find θ to 1 dp 26.6° the angle between a line and a plane	j Find the height VM 7 cm a pyramid: half the base diagonal	k Find θ to 1 dp 52.7° a slant edge and the base	l Find the length AB 10 cm inside a cylinder: the diameter



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