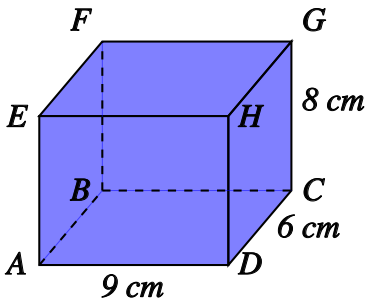
3D Pythagoras

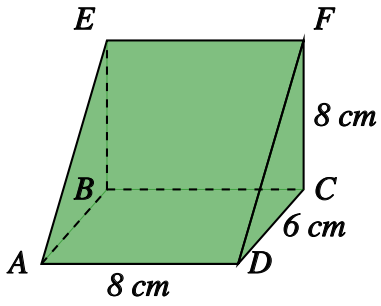
Name:	Class:	Date:

Mark	/ 7	%

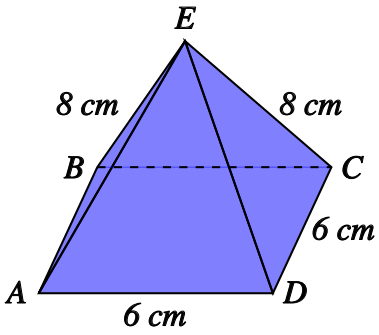
1) Find the length of AC in the shape pictured below, giving your answer to 3 significant figures. [1]



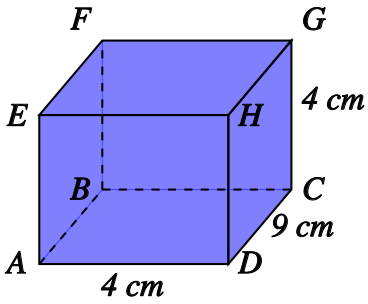
2) Find the length of BD in the shape pictured below, giving your answer to 3 significant figures. [1]



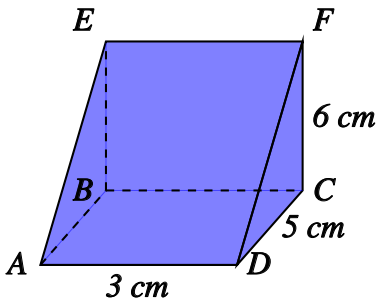
3) Find the length of AC in the shape pictured below, giving your answer to 3 significant figures. [1]



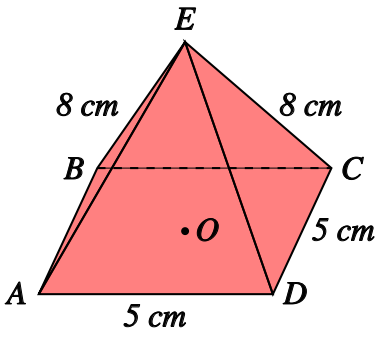
4) Find the length of DF in the shape pictured below, giving your answer to 3 significant figures. [1]



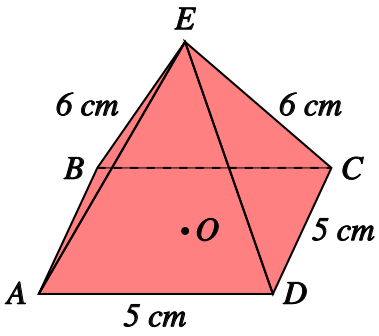
5) Find the length of DE in the shape pictured below, giving your answer to 3 significant figures. [1]



6) Find the length of OC in the shape pictured below where O is the centre of the base ABCD. [1]
Give your answer to 3 significant figures.



7) Find the vertical height, OE, of the pyramid pictured below (where O is the centre of the base ABCD).
Give your answer to 3 significant figures.



[1]

Solutions for the assessment 3D Pythagoras

1) AC = 10.8 cm

2) BD = 10 cm

3) AC = 8.49 cm

4) DF = 10.6 cm

5) DE = 8.37 cm

6) OC = 3.54 cm

7) Height = 4.85 cm