

1. (a) Calculate the length AC.



- (b) A cuboid, ABCDEFGH, has sides 2 cm, 3 cm and 4 cm.

Calculate the length of the diagonal AG.



2. (a) Calculate the size of angle  $x$ .



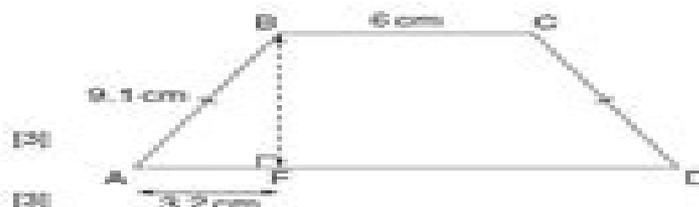
- (b) Calculate the length AB.



3. (a) ABCD is an isosceles trapezium. BF is perpendicular to AD.

(i) Calculate BF.

(ii) Calculate the area of ABCD.



- (b) PQRS is a trapezium.

Calculate  $h$ .



# Gcse Pythagoras And Trigonometry Questions And Answers

**SB Merriam**



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web may 1 2016 it is important to note that using conversion factors to calculate between ra and rz is not a good idea it is best to establish what figure for surface roughness the designer customer has specified and measure this

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