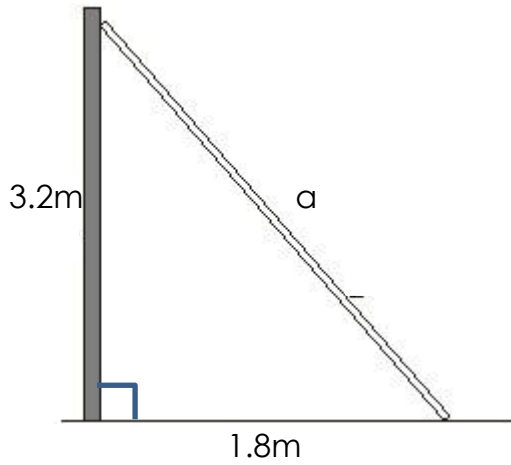


Name: _____

YEAR 11 MINI-ASSESSMENT 8

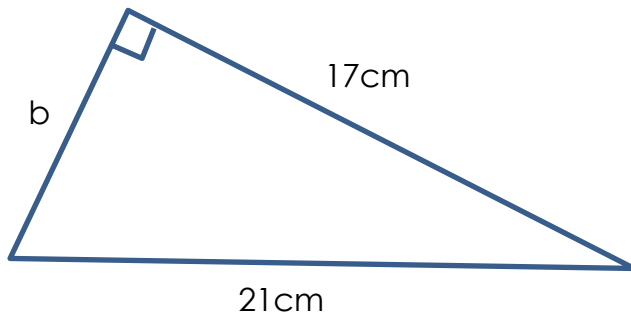
FOUNDATION – PYTHAGORAS AND TRIGONOMETRY

1. A ladder of length a metres is leaned against a wall. The foot of the ladder is 1.8m from the foot of the wall. The top of the ladder reaches 3.2m up the wall.
Find the value of a , the length of the ladder.



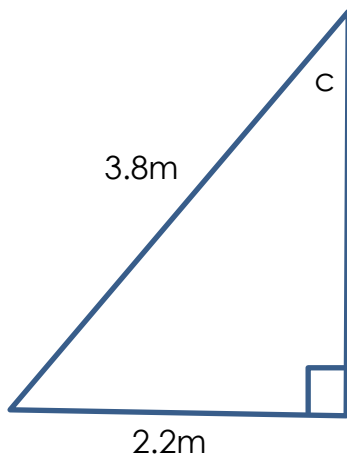
[3 marks]

2. Find the size of length b in the diagram...



[3 marks]

3. Find the size of angle c in the diagram...



[4 marks]