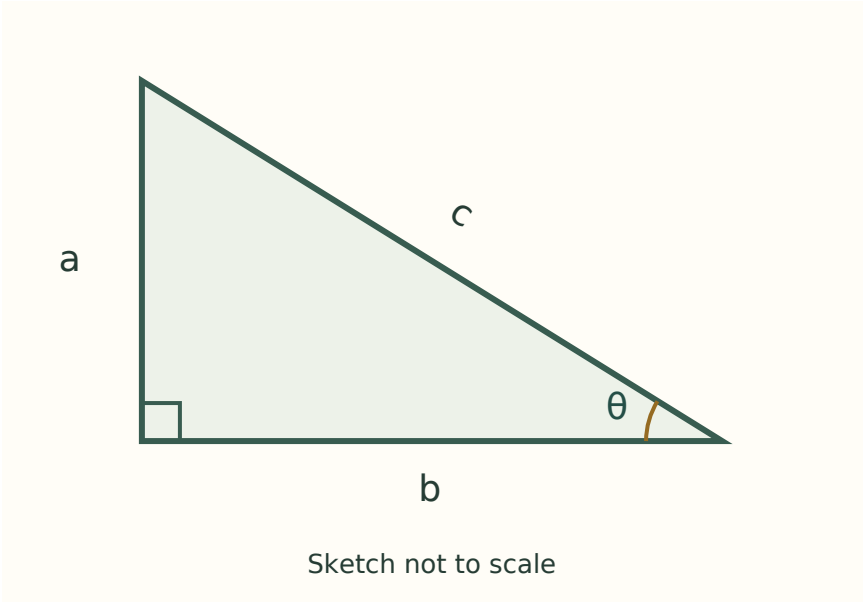
Practice worksheet | Pythagoras and Trigonometry

Opposite, adjacent and hypotenuse

Name: _____ Date: _____

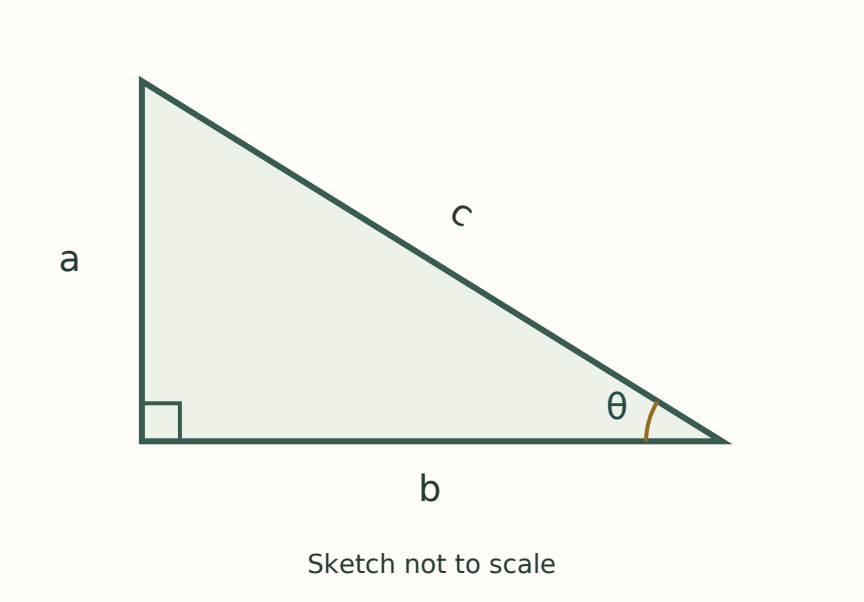
6 questions | 10 marks

1. For θ in the sketch, name the opposite side. [1 mark]



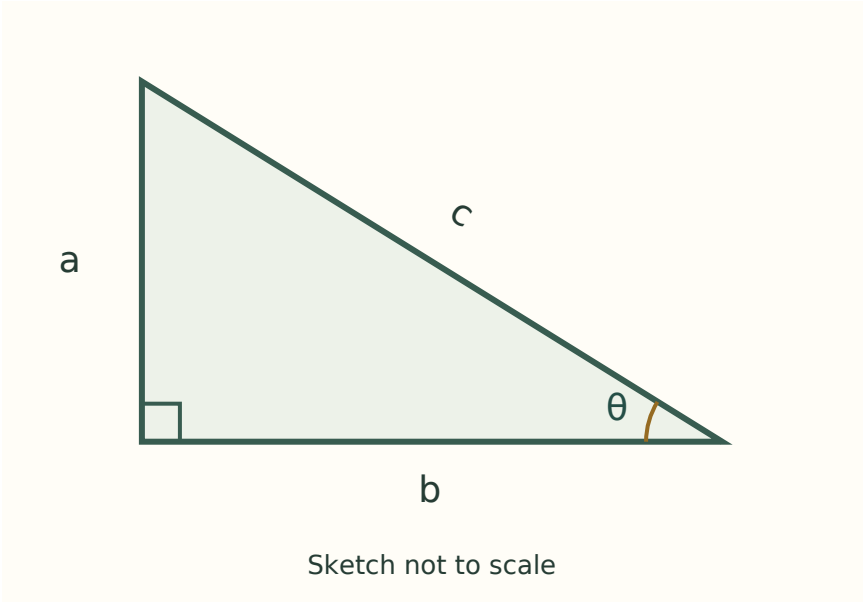
Sketch not to scale

2. For θ in the sketch, name the adjacent side. [1 mark]



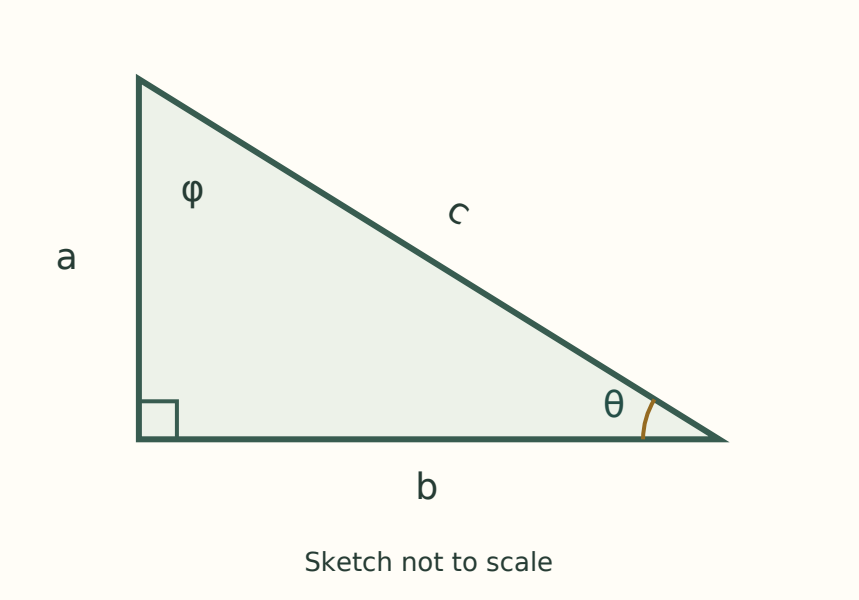
Sketch not to scale

3. For θ in the sketch, name the hypotenuse. [1 mark]



Sketch not to scale

4. Now use upper angle φ. Name its opposite and adjacent sides. [2 marks]



Sketch not to scale

5. Triangle ABC is right-angled at B. For angle A, name the hypotenuse, opposite side and adjacent side. [3 marks]

6. A right triangle is rotated on the page. Does its hypotenuse change? Explain. [2 marks]