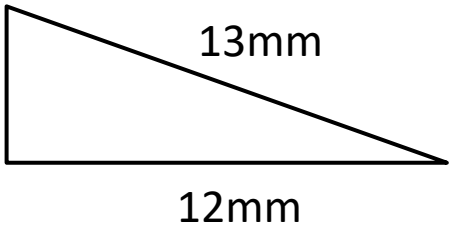
Name Date

RIGHT TRIANGLE AREA SHEET 3 - HARDER

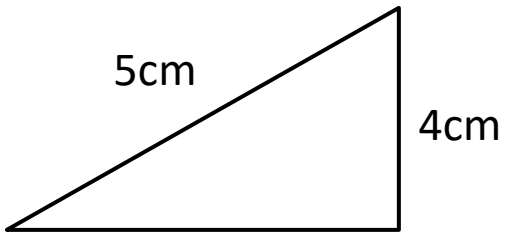
Use Pythagoras' theorem to work out the missing side and then use this to work out the area of the following right-angle triangles. They are **not** drawn to scale.

1)



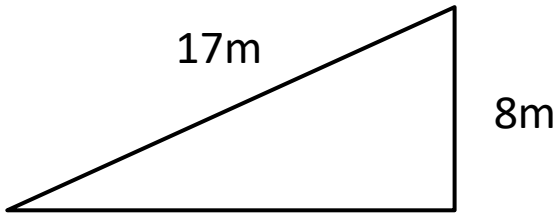
Area = _____ mm^2

2)



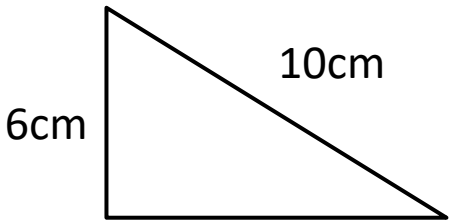
Area = _____ cm^2

3)



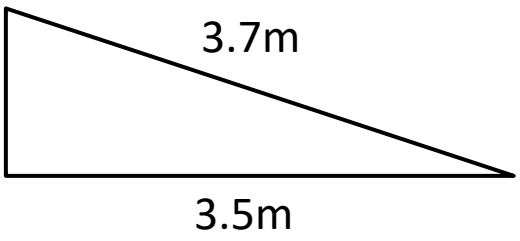
Area = _____ m^2

4)



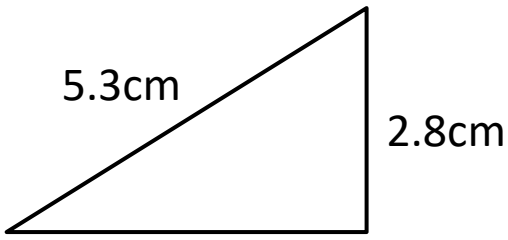
Area = _____ cm^2

5)



Area = _____ m^2

6)



Area = _____ cm^2

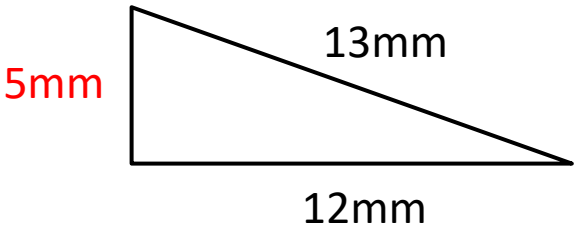
<u>Handy hint</u>:

The formula for the area of a triangle is ½ x base x (perpendicular) height

Name Date

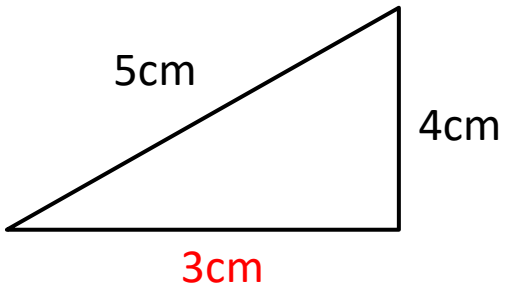
RIGHT TRIANGLE AREA SHEET 3 ANSWERS

1)



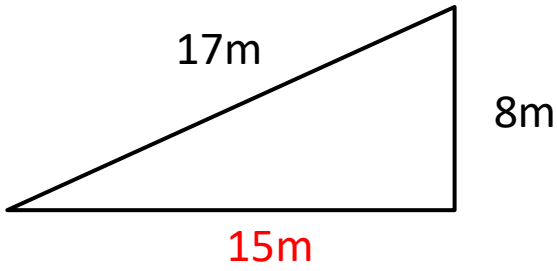
Area = 30 mm^2

2)



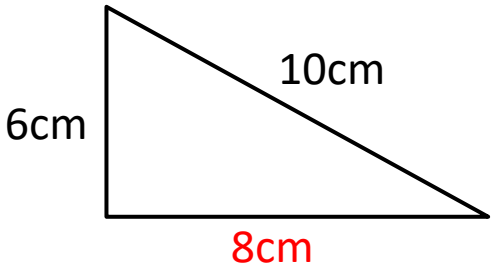
Area = 6 cm^2

3)



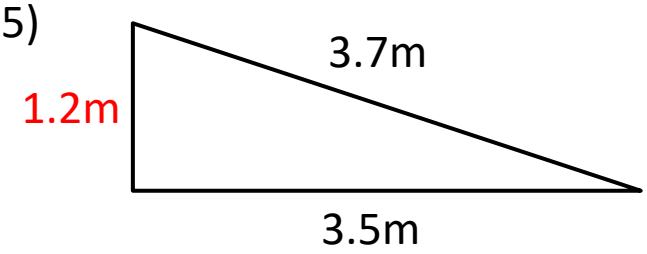
Area = 60 m^2

4)



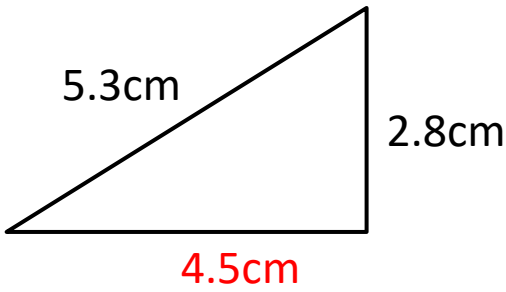
Area = 24 cm^2

5)



Area = 2.1 m^2

6)



Area = 6.3 cm^2

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