





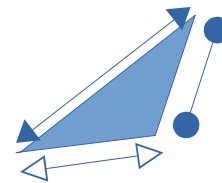


Triangles

1. A right-angled triangle has a 15cm-long hypotenuse. Another side is 9cm long. Calculate its perimeter and its area.
2. A right-angled triangle has a 65 cm-long hypotenuse. Another side is 25cm long. Calculate its perimeter and its area.
3. A right-angled triangle has two sides of equal length, 10cm. Calculate the length of its hypotenuse, its perimeter and its area.

4. Which pair of measurements would allow you to calculate the area of this triangle:

- (a)  and 
- (b)  and 
- (c)  and 

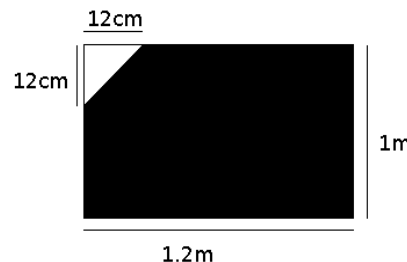


Does any pair of measurements allow you to calculate the circumference?

5. Another right-angled triangle has a 15cm hypotenuse and a 14cm second-longest side. Calculate (with a calculator) the length of the shortest side. Calculate the area and perimeter of the triangle.

6. Here's a rectangle that has one corner cut off:

What is the area of the resulting shape?
What is the perimeter?



7. Calculate the area of a right-angled triangle whose shorter sides are 18cm and 24cm long.

8. Here's a perfectly ordinary right-angled triangle, except that someone has cut off the top 50cm. (The cut is parallel to the bottom of the original triangle.) What is the area of the resulting shape?

