



Check out

You should now be able to ...

✓	Questions	
✓	Convert one metric unit to another.	5 1
✓	Convert some metric units to imperial units and vice versa.	5 2, 3
✓	Find the area of a rectangle by using the formula.	5 4
✓	Find the area of a triangle by using the formula.	6 5
✓	Find the area of a parallelogram by using the formula.	6 6
✓	Find the circumference of a circle by using the formula.	6 7, 8

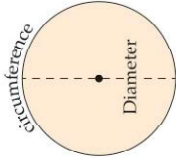
Test it

Questions

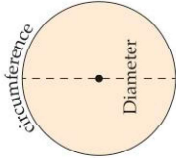
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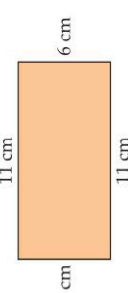
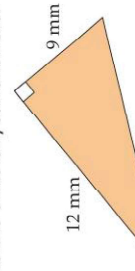
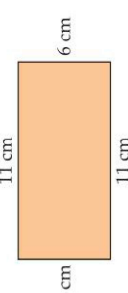
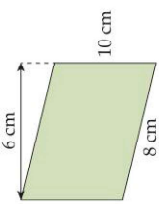
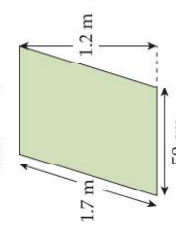
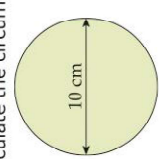
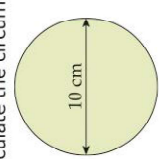
Language Meaning

Metric units	Imperial	Area	Circumference and diameter
Metres (m) measure length, grams (g) measure mass and litres (l) measure capacity.	Some of the imperial units are inches, feet, miles, ounces, pounds, stones, pints and gallons.	Area is the amount of surface that a shape covers.	The circumference of a circle is the distance around its edge. The diameter of a circle is the distance across the circle through the centre.
1000 ml = 1 litre 100cm = 1 m 1000g = 1 kg	5 miles ≈ 8 kilometres 1 kilogram ≈ 2.2 pounds 1 gallon ≈ 4.5 litres	Area of rectangle = length × width	

Example

1000 ml = 1 litre 100cm = 1 m 1000g = 1 kg	5 miles ≈ 8 kilometres 1 kilogram ≈ 2.2 pounds 1 gallon ≈ 4.5 litres	Area of rectangle = length × width	
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- How many millimetres are there in 25 cm?
 - How many centilitres are there in 2.5 litres?
 - How many metres are there in 12 km?
 - How many grams are there in 4.3 kg?
- How many inches are there in 2 feet?
 - How many ounces are there in 5 pounds?
- Which is bigger
 - 10 kg or 20 pounds
 - 10 km or 7 miles?
- Calculate the area of this rectangle and state the units of your answer.
 
- Calculate the area of these triangles. State the units of your answers.
 - 
- Calculate the area of this rectangle and state the units of your answer.
 - 
 - 
- Calculate the area of these parallelograms.
 - 
 - 
- Calculate the circumference of the circle.
 - 
- A wheel has a diameter of 24 cm. What is its circumference?

What next?

Score	What next?
0 - 3	Your knowledge of this topic is still developing. To improve look at Formative test: 3A-2; MyMaths: 1061, 1084, 1088, 1108, 1129 and 1191
4 - 6	You are gaining a secure knowledge of this topic. To improve look at InvisiPen: 313, 314, 315, 332, 333 and 351
7 - 8	You have mastered this topic. Well done, you are ready to progress!