

**YEAR 5**

Area, Perimeter and Shape

Perimeter is the distance all the way round. Area is the space inside. Mixing them up is the single most common mistake in this topic, so read each question twice.

Name: _____

Date: _____

Score: _____

Section A • Perimeter

Add every side. For a rectangle, twice the length plus twice the width.

- 1 A rectangle measures 8 cm by 5 cm. Find its perimeter.

- 2 Find the perimeter of a square of side 7 cm.

- 3 A rectangle has a perimeter of 30 cm and a length of 9 cm. Find its width.

- 4 Find the perimeter of a regular pentagon of side 6 cm.

- 5 A square has a perimeter of 36 cm. Find the length of one side.

Section B • Area

Rectangle: length times width. Triangle: half of base times height.

- 1 A rectangle measures 8 cm by 5 cm. Find its area.

- 2 Find the area of a square of side 9 cm.

- 3 A rectangle has an area of 48 cm^2 and a width of 6 cm. Find its length.

- 4 Find the area of a triangle with base 10 cm and height 6 cm.
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- 5 A rectangle 10 cm by 4 cm has a 3 cm by 2 cm rectangle cut out of it. Find the area that is left.
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- 6 A square has an area of 64 cm^2 . Find its perimeter.
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Section C • Shape facts

These are worth learning by heart. They appear every year.

- 1 How many sides does a hexagon have?
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- 2 How many lines of symmetry does a square have?
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- 3 How many right angles does a rectangle have?
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- 4 Name the quadrilateral with exactly one pair of parallel sides.
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- 5 How many faces does a cuboid have?
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- 6 How many edges does a cube have?
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- 7 How many vertices does a square-based pyramid have?
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