

QUICK TIP!

Hey Kids! Time for a super fun math lesson, courtesy of Math Madness!

PERIMETER AND AREA

The perimeter is the length of the outline of a shape.

To calculate a perimeter, simply add up the lengths of all of the sides. For a rectangle, this is just: base + base + height + height (2 x base + 2 x height.)

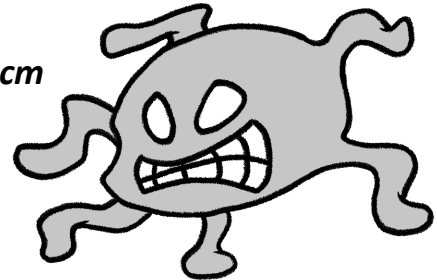
The area is the amount of space within a shape. It is written in terms of square units.

To calculate the area of a rectangle, multiply the base times the height.

For example, a 25 cm x 30 cm rectangle has:

$$\text{Perimeter} = 2 \times 25\text{cm} + 2 \times 30\text{cm} = 50\text{cm} + 60\text{cm} = 110\text{cm}$$

$$\text{Area} = 25\text{cm} \times 30\text{cm} = 750\text{cm}^2$$



TRY IT!

Calculate the perimeter and area of the rectangles described below. Be sure to include the units!



Dimensions

Perimeter

Area

5 m x 5 m

20 m x 3 m

13 ft x 25 ft

22 mi x 31 mi

1 km x 42 km

7 in x 12 in

130 mm x 180 mm

