The Practise Ground

Class 6-8 Maths

Area & Perimeter

Four shapes you must know

1

$A = l \times w$

Rectangle area

Perimeter = 2(l + w)

2

$A = s^2$

Square area

Perimeter = 4s

3

$A = \frac{1}{2} \times b \times h$

Triangle area

Perimeter = sum of the three sides

4

$A = \pi r^2$

Circle area

Circumference = 2πr

l, w	s	b, h	r	π
length, width	**side**	**base, height**	**radius**	**pi**
cm or m	cm or m	cm or m	cm or m	22/7 or 3.14

Remember

Area is in square units (cm^2). Perimeter is a length (cm).

Use the same unit for every length.

Quick example

A rectangle is 8 cm by 5 cm.

Area = 8 × 5 = 40 cm^2

Perimeter = 2(8 + 5) = 26 cm

Think you've got it? Test yourself.

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