Perimeter and area

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HANA MATH

The perimeter of a shape is the measurement of the total length of the outline of the shap.
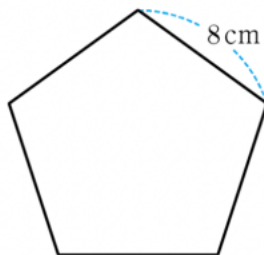
Area of a Square = Side × Side
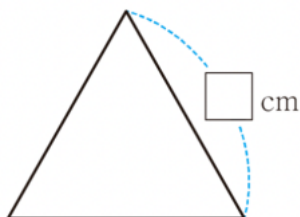
area of rectangle = length × width.

The area of a parallelogram is the base multiplied by the perpendicular height
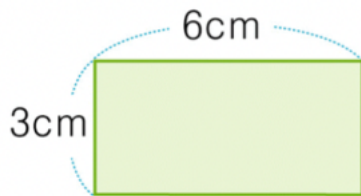
multiply the height by the width then divide by 2.
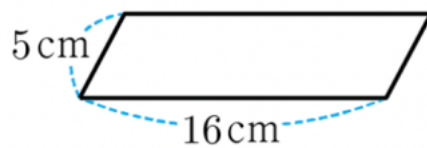
1 Work out the perimeter of the shape.

8 cm

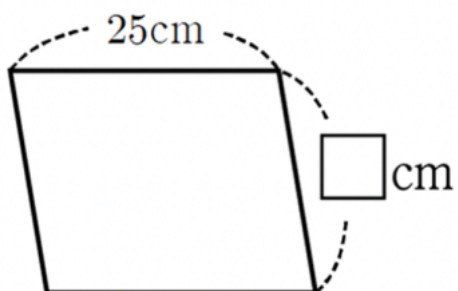**2** A triangle has a perimeter of 24 cm. calculate the length of the triangle.
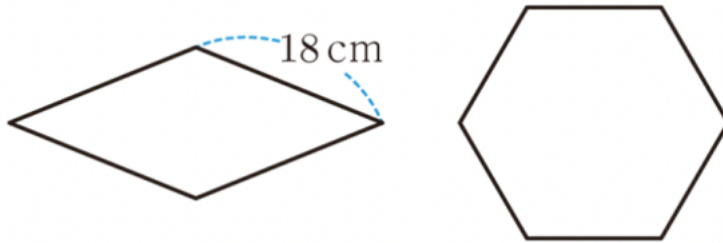
☐ cm

3 Work out the perimeter of this rectangle.

6cm

3cm

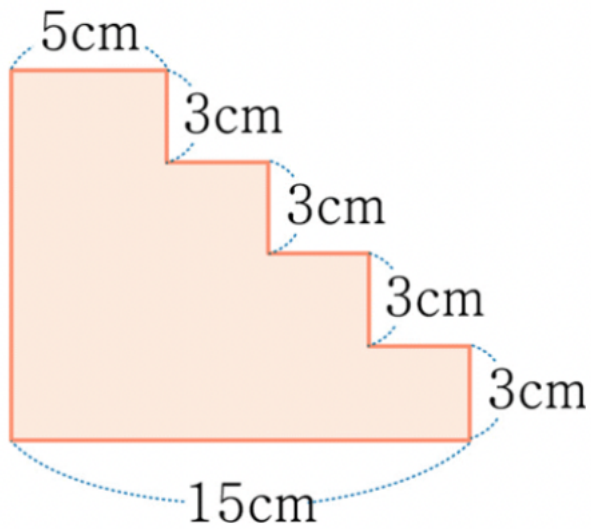**4** Work out the perimeter of this **parallelogram.**

5cm

16cm

5 The perimeter of this parallelogram is 90 centimeteres.
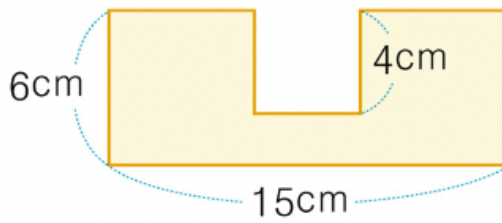calculate the length of the parallelogram.

25cm

☐cm

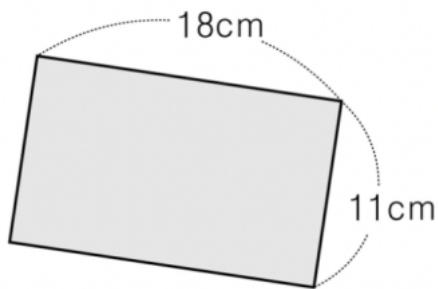**6** Both shapes have the same perimeter. find the length of the hexagon.

18 cm

7 Work out the perimeter of the shape.

5cm

3cm

3cm

3cm

3cm

15cm

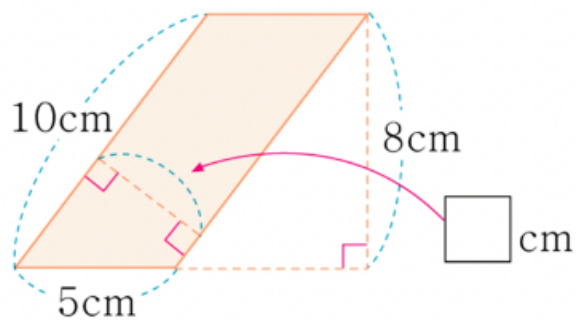8   Work out the perimeter of the shape.

6cm   4cm

15cm

9   Work out the area of this shape.

18cm

11cm

10   A man has a rectangular field that is 20m long and 40m wide. work out the area of the field.

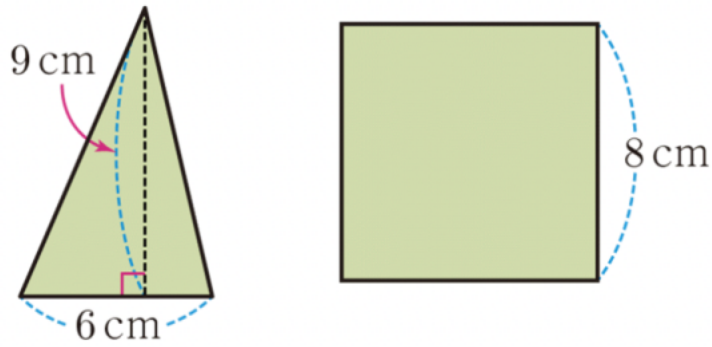**11** What is the area of a square with a perimeter of 20 cm?

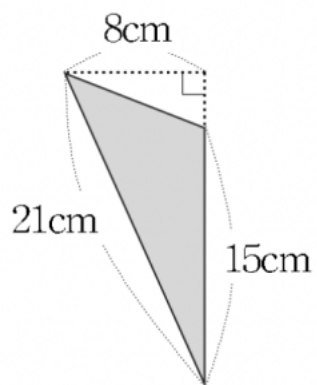**12** Write the correct number in the blank.

10cm

8cm

5cm

$\square$ cm

13 What is the area of a parallelogram with a base of 16cm and a height of 12 cm ?

14 There is a parallelogram with an area of 84 cm^2. the height is 6 cm. what is the length of the base?

15 Find the sum of the areas of the triangle and the square.

9 cm

6 cm

8 cm

16 Work out the area

8cm

21cm

15cm

Answer sheet

1 40cm

2 8

3 18cm

4 42cm

5 20

6 12cm

7 54cm

8 50cm

9 198 cm^2

10 80m^2

11 25 cm^2

12 4

13 192 cm^2

14 14cm

15 $91\,cm^2$

16 $60\ cm^2$