square

rectangle

parallelogram

rhombus

trapezium

kite

Work out 293 + 23 + 831

1147

Work out 900 - 123

777

Work out 124 x 8

992

Work out 567 ÷ 3

189
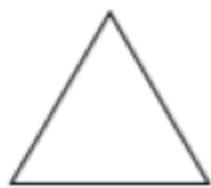
This is an equilateral triangle

a) What is the size of each angle?

60°

b) What is the order of rotational symmetry?

3

$$\frac{7}{8} \div \frac{4}{5}$$

$$\frac{7}{8} \times \frac{5}{4} = \frac{35}{32}$$

$$= 1\frac{3}{32}$$

Calculate the circumference of the circle with radius 4cm.

$$\pi \times 8$$

$$= 25.1_{cm}$$

4cm
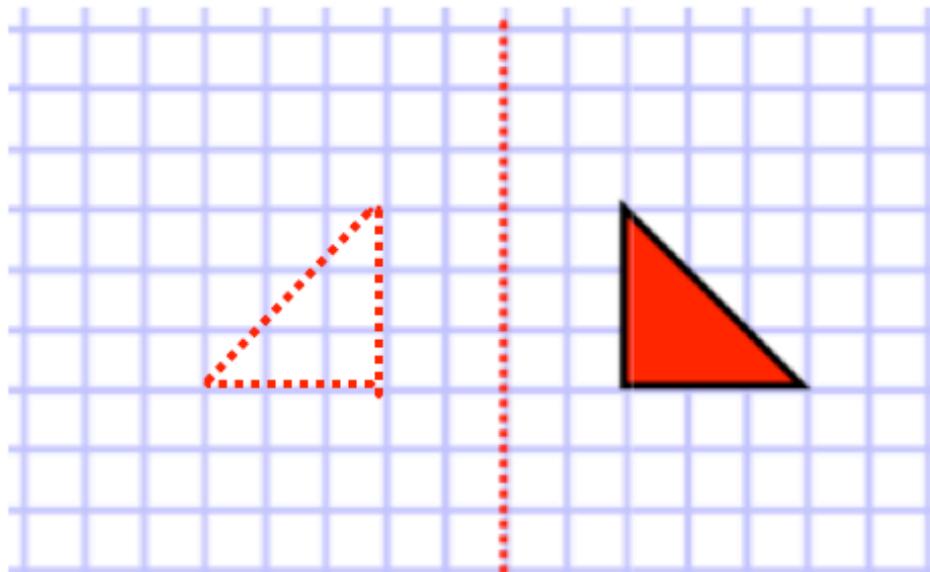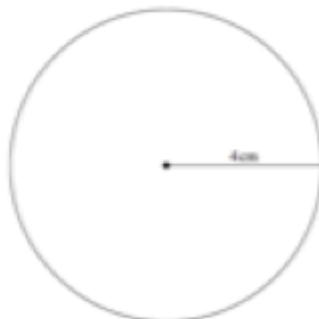
Reflect the triangle in the mirror line

Estimate 9.89²
5.01

$$\frac{10^2}{5} = \frac{100}{5} = 20$$

Factorise

$x^2 - 7x - 8$

$(x - 8)(x + 1)$

The three angles in a triangle are 2x, x + 5 and x + 35.

$4x + 40 = 180$

$4x = 140$

Find x

$x = 35^0$

Solve the simultaneous equations.

x + y = 1
2x - y = 11

$3x = 12$

$x = 4$

$4 + y = 1$

$y = -3$


8cm

4

0

y

25⁰

Find y

$= \sin 25 \times 8$

$= 3.38 cm$

√10 - 2   A

√10 + 2

B   √3

L
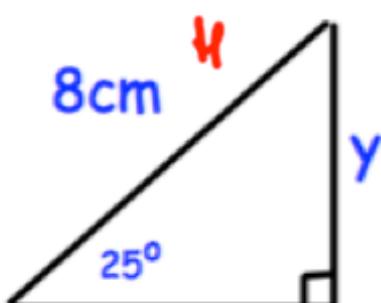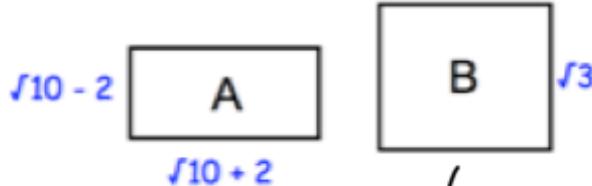
A and B have the same area.

Calculate the length of B.

$(\sqrt{10} - 2)(\sqrt{10} + 2) = 10 + 2\sqrt{10} - 2\sqrt{10} - 4$

$= 6$

$6 = L \times \sqrt{3}$

$L = \frac{6}{\sqrt{3}} = \frac{6\sqrt{3}}{3} = 2\sqrt{3}$