JustMaths

★ Evaluate

9^{-2}

★ Calculate the length of AB - leave your answer in terms of Π

A · · · · · · · · · · · B
12 cm · · · 12 cm
60°
O

★ If the area of A = 30cm² what is the area of B?

5 cm · · · 15 cm

A · · · B

★ Solve 2x^2 + 4x + 1 = 0

Give your solutions correct to 4 sig.figs.

★ Solve $x(x-4) = 0$

★ Find the length BC

32 cm · · · B
A · · 60° · · C

The energy stored in a battery is directly proportional to the square of the radius of the battery.

When the circumference is 3.5cm the energy is 5 units, Work out the energy stored when a battery has a radius of 5 cm

★ Calculate the volume of the cone

8 cm

5 cm

★ Make x the subject

$5(x-3) = y(4-3x)$
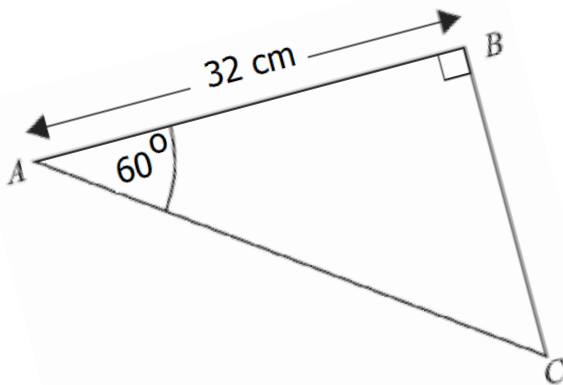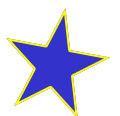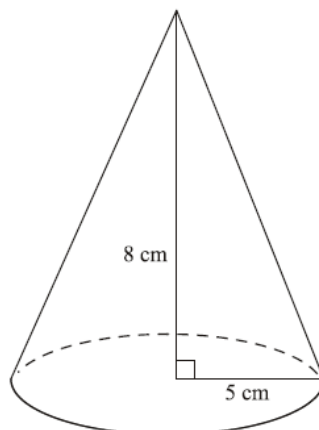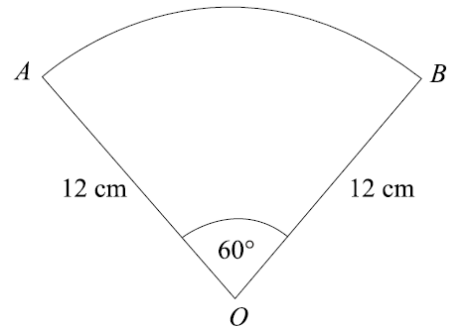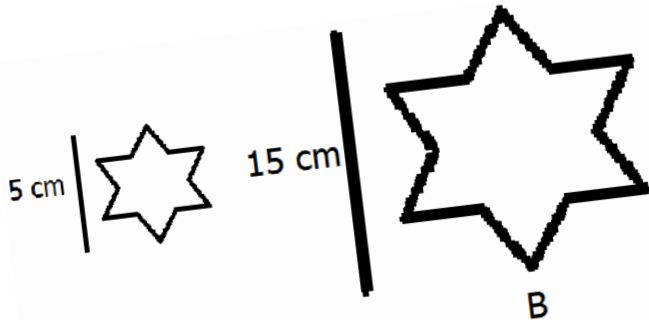
![JustMaths logo]

Evaluate 9^{-2}

Calculate the length of AB - leave your answer in terms of Π

A — 12 cm — 60° — 12 cm — *B*

O

If the area of A = 30cm² what is the area of B?

5 cm | ☆ | 15 cm | ✡ *B*

A

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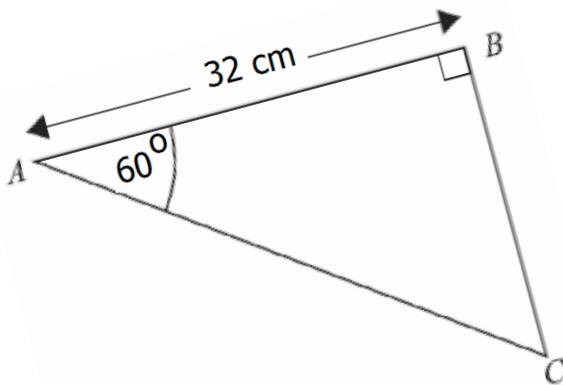
Find the length BC

32 cm — *B*

A 60° — *C*

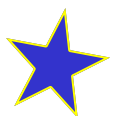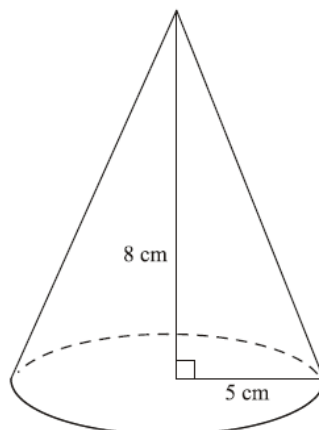The energy stored in a battery is directly proportional to the square of the radius of the battery.

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