



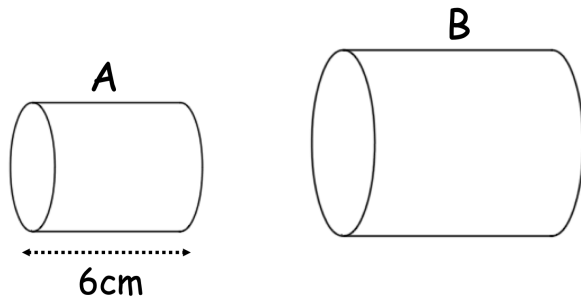
$$(x + 4)^2 \equiv x^2 + 8x + 16$$

$$(x + 4)^2$$

$$(x + 4)^2 < 10$$

$$(x + 4)^2 = x - 3$$

Circle the expression



The surface area of A is 500cm^2
The surface area of B is 2000cm^2

The length A is 6cm.

Find the length of B.

A ball is dropped from h metres.
After each bounce the ball reaches 60%
of its previous height.
After its third bounce it reaches a height
of 0.648m.

Find h

Show

$(n + 4)^2 - (n + 2)^2$ is always a
multiple of 4 for all positive integer
values of n .

Factorise $11x^2 - 23x - 30$