

Question 1

Factorise $x^2 - 9$

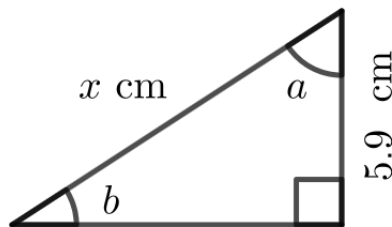
Question 2

n is an integer.

Write expressions in terms of n that could represent 3 consecutive integers.

Question 3

The ratio $a : b = 19 : 11$.
Find x , correct to 3 significant figures.



Question 4

Jon rolls three fair six-sided dice.
What is the probability that all three dice come up with a number less than 3?

Write your answer as a fraction in its simplest form.

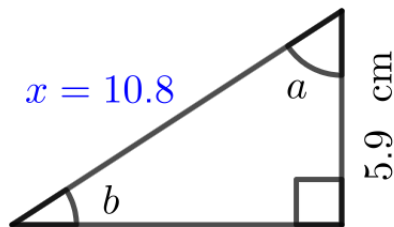
Question 1

Factorise $x^2 - 9$

$$(x + 3)(x - 3)$$

Question 3

The ratio $a : b = 19 : 11$.
Find x , correct to 3 significant figures.



Question 2

 n is an integer.

Write expressions in terms of n
that could represent 3 consecutive
integers.

e.g.

$$n, n + 1, n + 2$$

Question 4

Jon rolls three fair six-sided dice.
What is the probability that
all three dice come up with
a number less than 3?

Write your answer as a fraction
in its simplest form.

$$\frac{1}{27}$$