

Question 1

Factorise $x^2 - 10x + 16$

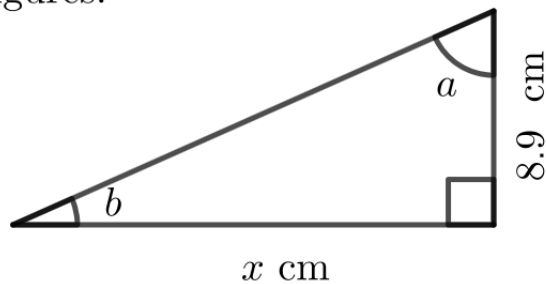
Question 2

n is an integer.

Write expressions in terms of n that could represent 2 consecutive odd integers.

Question 3

The ratio $a : b = 11 : 4$.
Find x , correct to 3 significant figures.



Question 4

Kim rolls two fair six-sided dice.
What is the probability that both dice come up with a number less than 5?

Write your answer as a fraction in its simplest form.

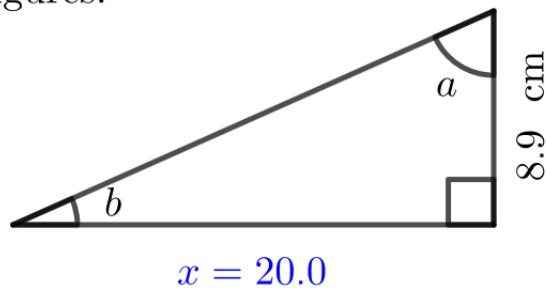
Question 1

Factorise $x^2 - 10x + 16$

$$(x - 8)(x - 2)$$

Question 3

The ratio $a : b = 11 : 4$.
Find x , correct to 3 significant figures.



Question 2

 n is an integer.

Write expressions in terms of n
that could represent 2 consecutive
odd integers.

e.g.

$$2n + 1, \quad 2n + 3$$

Question 4

Kim rolls two fair six-sided dice.
What is the probability that
both dice come up with
a number less than 5?

Write your answer as a fraction
in its simplest form.

$$\frac{4}{9}$$