

12th February

Corbettmaths

The population of country A is

$$4.5 \times 10^6$$

The population of country B is

$$1.2 \times 10^7$$

Work out the difference between the population of country A and country B. Give your answer in standard form.

Twenty years ago, the population of country A was 3.8×10^6 .

Work out the percentage increase in population of country A over the past twenty years.

A is directly proportional to the square of B.

$$\text{When } B = 10, A = 20.$$

Find A when $B = 20$

A bag contains 6 yellow sweets and 4 blue sweets.

A sweet is taken out at random, it is replaced, and another is taken out.

Find the probability that at least one sweet is blue.

Calculate the size of angle ABC

