

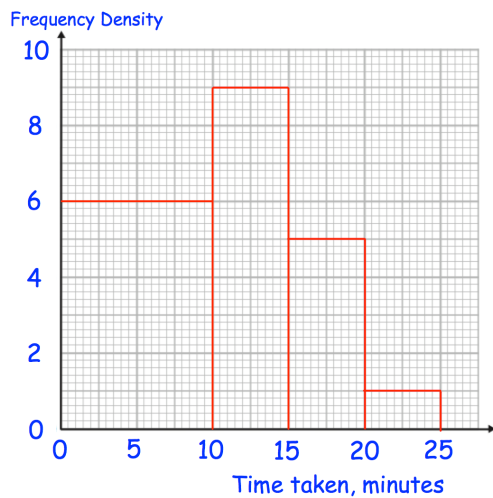
5th October

Corbettmaths

A circle has a radius of 3 and centre (0, 0)

Write down the equation of the circle.

Solve $2x^2 - 7x + 3 < 0$



The histogram shows information about the time taken to travel to school by students.

Two students are chosen at random.

Work out the probability that both students take less than 5 minutes to travel to school.

Prove that if two consecutive integers are squared, that the sum always gives a remainder of 1 when divided by 4.