

15th January

Corbettmaths

Shown below are four fractions.

$$\frac{5}{8} \quad \frac{1}{3} \quad \frac{2}{7} \quad \frac{11}{20}$$

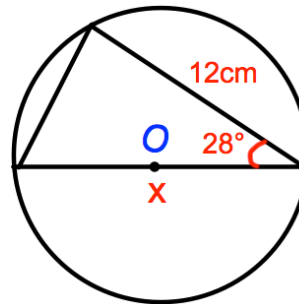
Circle any fractions which are recurring decimals.

$a \times 10^4$ is a square number written in standard form.
 a is a positive integer
 Write down all the possible values of a.

The attendance at a football match is 40000.
 This number is correct to the nearest 500.
 The number of males attending the match is 29000.
 This number is correct to the nearest 1000.

Work out the maximum number of females that could be attending the match.

Find x



Solve using the quadratic formula

$$3x^2 + 11x + 9 = 0$$