

15th December

Corbettmaths

There are red, green and yellow beads in a bag.
The relative frequency of a red is 0.18.
Mrs Jones chooses a bead at random and then puts it back in.

If Mrs Jones repeats this 300 times, how many red beads are expected?

Work out

$$5 \div \frac{3}{4}$$

$$2x + 5$$



$$x - 2$$

The perimeter of this rectangle is 84cm

Find x



12cm

Calculate the area of this semi-circle.
Leave your answer in terms of π

James weighed 100kg.
His target was to weigh 80kg or less.
His weight decreased by 3% each month.

Has he achieved his target after six months?
Show your workings.