



Expand and simplify

$$3(2x - 5) - 2(7 - 9x)$$

Niamh has 3 wooden blocks, each y cm long.

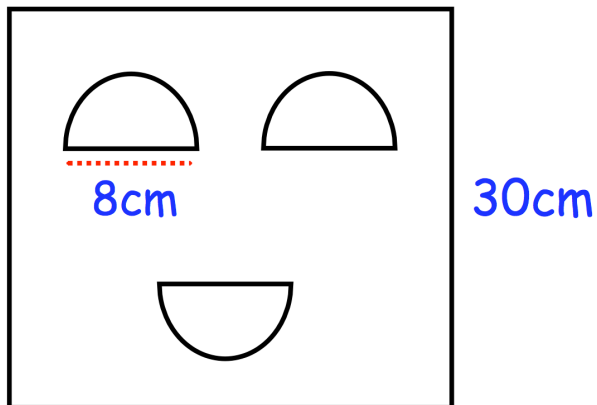
Erin has 8 wooden blocks, each 2cm longer than Niamh's.

The total length of Niamh's and Erin's wooden blocks is L cm.

Write down a formula for L in terms of y .

Serafina has a square sheet of metal.

She cuts three congruent semi-circles out of the metal.



What percentage of the metal is left?

A fair coin is flipped twice.

Find the probability of at least one tail.