



Simplify

$$16^{-\frac{3}{2}}$$

Calculate the sum of the first 80 even numbers

The graph  $y = x^2 + 6x - 1$  has a line of symmetry.

Write down the equation of the line of symmetry.

Prove

$(2n + 9)^2 - (2n + 5)^2$  is always a multiple of 4

Bethan has some coins

£2   £1   50p   50p   20p

5p   2p   2p   2p   1p

Bethan picks a coin at random.  
Without replacing the coin, Bethan picks a second coin at random.

Find the probability that the first coin has a higher value than the second coin.