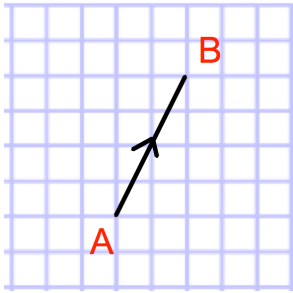


18th January

Corbettmaths

Rearrange $y + 3 = x(y + 2)$ to make y the subject of the formula.



$$\vec{AB} = \begin{pmatrix} 2 \\ 4 \end{pmatrix}$$

Write down a vector that is perpendicular to AB and the twice the length

After a reduction of 3% in the original price, a motorbike is sold for £700.

Both of these values are correct to one significant figure.

Calculate the greatest possible original price before the reduction was applied.

Rebecca has 9 cards, each with a number on it.

2	2	3	4	5	6	6	7	9
---	---	---	---	---	---	---	---	---

She picks three cards at random, without replacement.

Rebecca multiplies the three numbers to get a score.

Calculate the probability that the score is an even number