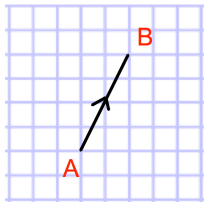
Name: _____ 5-a-day Higher Plus

18th January

Corbettmaths

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



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

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

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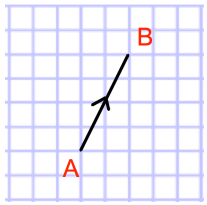

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