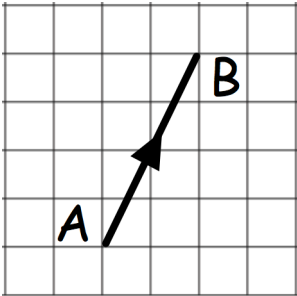


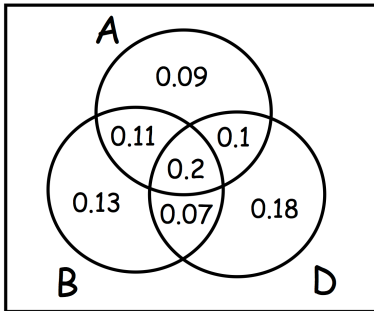


Rearrange  $y + 3 = x(y + 2)$  to make  $y$  the subject of the formula.



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

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



Work out  $P(A' \cap D')$

Factorise

$$14x^2 + 31xy - 10y^2$$

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.