

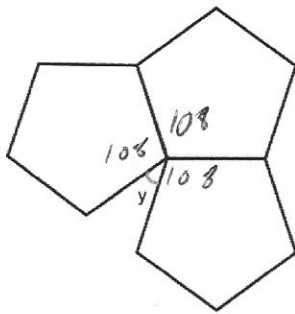


Frome
 Population 26,000

This sign is correct to the nearest thousand.

What is the greatest possible number of people that live in Frome?

$$26499$$



$$540 \div 5 = 108^\circ$$

$$\begin{array}{r} 108 \\ \times 3 \\ \hline 324 \end{array}$$

$$360 - 324$$

Three identical regular pentagons are joined as shown.

Find y .

$$36^\circ$$

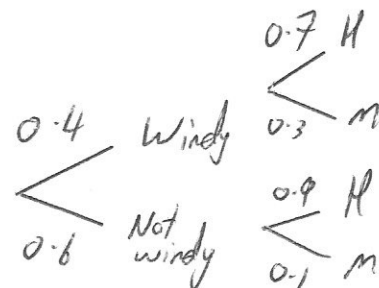
Tiernan takes part in an archery competition.

The probability of it being windy is 0.4

The probability of Tiernan hitting a target in windy weather is 0.7

The probability of Tiernan hitting a target when it is not windy is 0.9

Show this in a tree diagram.



$$0.4 \times 0.7 = 0.28$$

$$0.6 \times 0.9 = 0.54$$

Find the probability of Tiernan hitting the target.

$$0.28 + 0.54 = 0.82$$

$$a = \begin{pmatrix} 6 \\ -4 \end{pmatrix} \quad b = \begin{pmatrix} -2 \\ 1 \end{pmatrix}$$

Work out $a - b$

$$\begin{pmatrix} 8 \\ -5 \end{pmatrix}$$