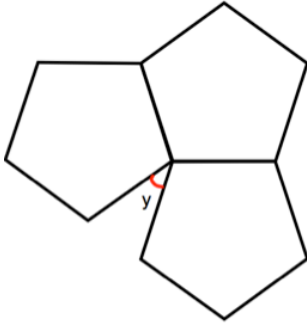




**Frome**  
 Population 26,000

This sign is correct to the nearest thousand.

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



Three identical regular pentagons are joined as shown.

Find  $y$ .

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.

Find the probability of Tiernan hitting the target.

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

Work out  $a - b$