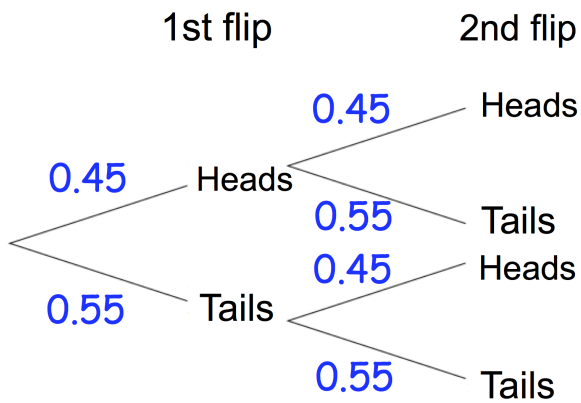




Solve

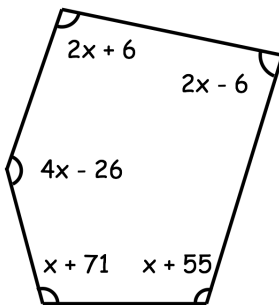
$$8x + 14 \leq 3x - 15$$

David has a biased coin.
The probability of a getting heads is 0.45 and tails is 0.55
The coin is flipped twice.



Work out the probability of getting tails twice.

Work out the probability of getting at least one tail.



Find the size of the smallest angle.

$$\mathbf{a} = \begin{pmatrix} -9 \\ -14 \end{pmatrix} \quad \mathbf{b} = \begin{pmatrix} 8 \\ -17 \end{pmatrix}$$

Work out $\mathbf{b} - \mathbf{a}$