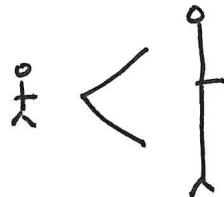


M2 = 36 days to go!

Insert < or > or = in the boxes to make each statement correct.

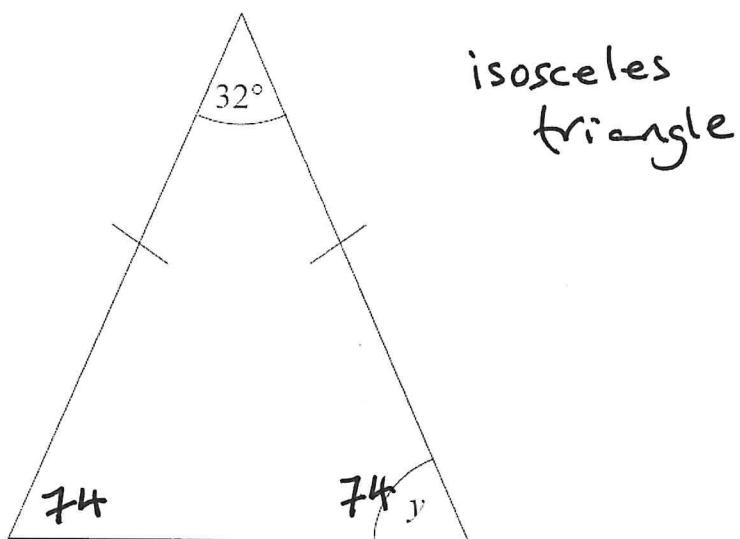
$$20\% \quad \frac{1}{5} \quad \boxed{<} \quad 25\%$$



$$30\% \quad 0.3 \quad \boxed{>} \quad 3\%$$

[2]

Work out the size of the angle y in the diagram below.



$$180 - 32$$

$$= 148$$

148 shared

Answer 74 ° [2]

$$148 \div 2 = 74$$

check

$$32 + 74 + 74 = 180^\circ$$



23

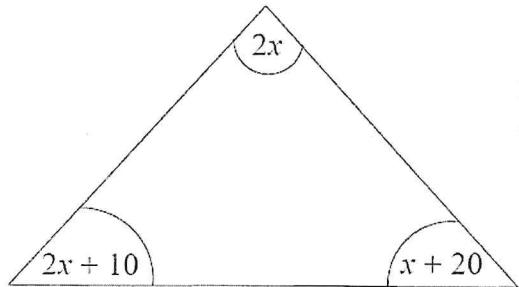


diagram
not drawn
accurately

3 angles add
up to 180°

Form and solve an equation to work out the size of the smallest angle in the triangle above.

Equation _____ [1]

$$2x + 10 + x + 20 + 2x = 180$$

$$5x + 30 = 180$$

$$\begin{array}{rcl} (-30) & & (-30) \\ \cancel{5x} & = & \cancel{150} \\ \div 5 & & \div 5 \\ x & = & 30 \end{array}$$

Answer smallest angle = 30 ° [3]

check by

