

Factorise $y^2 - 81$

$$(y - 9)(y + 9)$$

Factorise

$$x^2 + 2x - 48$$

$$(x + 8)(x - 6)$$

Tahir answered 84% of the questions in a test correctly.
He answered 126 of the questions correctly.

Work out the total number of questions in the test

$$84\% = 126$$

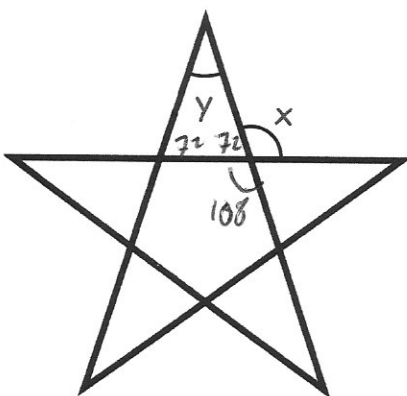
$$1\% = 1.5$$

$$100\% = \underline{150}$$

Solve $10x - 8 = 40 - 2x$

$$12x = 48$$

$$x = 4$$



Shown is a regular pentagon and five isosceles triangles.

Find x

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

$$x = 108^\circ$$

Find y

$$180 - 72 - 72 = 36^\circ$$