

6th September



Corbettmaths

Estimate

$$\frac{594 \times 4.03}{0.396}$$

$$\approx \frac{600 \times 4}{0.4} = \frac{2400}{0.4} = \frac{24000}{4} = 6000$$

Factorise

$$x^2 - 10x + 25$$

$$(x-5)(x-5)$$

What is the size of each exterior angle of a regular 40 sided polygon?

$$360 \div 40 = 9^\circ$$

What is the size of each interior angle of a regular 40 sided polygon?

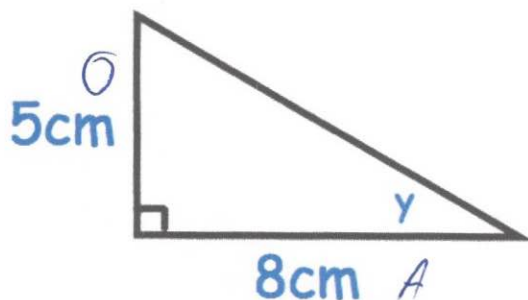
$$180 - 9 = 171^\circ$$

Simplify

$$\frac{4^3 \times 4^6}{4^2}$$

$$\frac{4^9}{4^2}$$

$$4^7$$



Find y

$$\tan y = \frac{5}{8}$$

$$y = 32.005^\circ$$