

17th April

Foundation 5-a-day



Corbettmαths

3 7 2 8 10

Work out the mean

Work out the range $10 - 2 = 8$

$$3 + 7 + 2 + 8 + 10 = 30$$

$$30 \div 5 = 6$$

Work out the median 2 3 (7) 8 10
7

$$\underline{\underline{6}}$$

A taxi journey costs £4 for 5 miles.

How much is the cost for a 8 mile journey?

$$£4 \div 5 = 80p$$

$$80 \times 8 = £6.40$$

£240 is divided between Nisha, Rafia and Joyann in the ratio 6:1:8

$$6 + 1 + 8 = 15$$

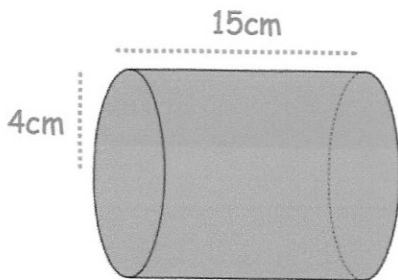
How much does each get?

$$240 \div 15 = £16$$

$$\text{Nisha} = 6 \times 16 = £96$$

$$\text{Rafia} = £16$$

$$\text{Joyann} = 8 \times 16 = £128$$



Calculate the volume of this cylinder

$$\pi \times 4^2 \times 15$$

$$753.98 \text{ cm}^3$$

Write 90 as a product of primes

$$\begin{array}{c}
 90 \\
 \wedge \\
 9 \quad 10 \\
 \wedge \quad \wedge \\
 (3)(3) \quad (2)(5)
 \end{array}$$

$$90 = 2 \times 3^2 \times 5$$