

14th July

Higher 5-a-day



Corbettmaths

Work out $(9.5 \times 10^6)^{-3}$
 $1.16635078 \times 10^{-21}$

Give your answer correct to 2 significant figures

$$1.2 \times 10^{-21}$$

Make m the subject of

$$a(c + m) = 2(c + 3m)$$

$$ac + am = 2c + 6m$$

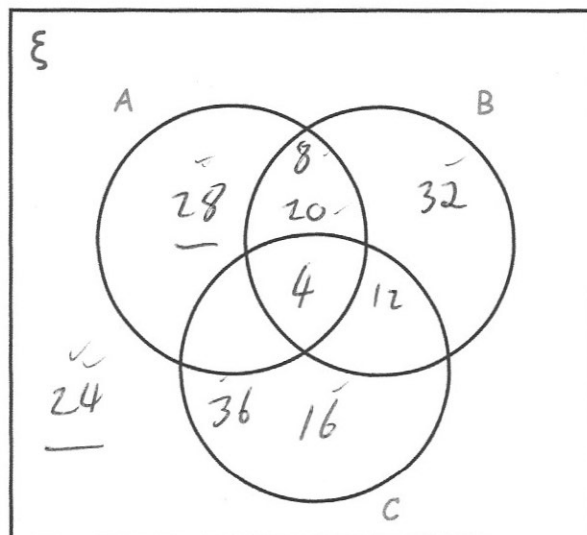
$\xi = \{\text{multiples of 4 between 1 and 39}\}$

$A = \{4, 8, 20, 28\}$

$B = \{4, 8, 12, 20, 32\}$

$C = \{4, 12, 16, 36\}$

Complete the Venn diagram



A number is chosen at random from ξ

Find $P(B' \cap C')$

$$\frac{2}{9}$$

Shane says the sine of an angle is 1.2

Explain why he is incorrect.

The sine of an angle cannot be greater than 1.