

18th January



Corbettmaths

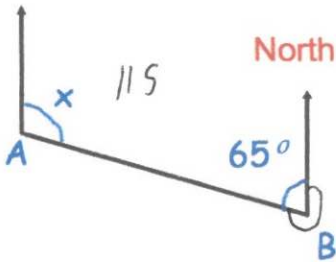
If $2x + 4y = 18$ What is the value of $4x + 8y$?

36

What is the value of $x + 2y$?

9

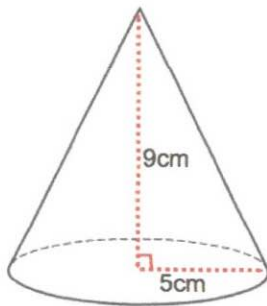
North

What is the size of angle x ? 115°

What is the bearing of A from B?

 295°

What is the bearing of B from A?

 115° 

Work out the volume of the cone.

$$\begin{aligned} & \frac{1}{3} \times \pi \times r^2 \times h \\ &= \frac{1}{3} \times \pi \times 5^2 \times 9 \\ &= 235.62 \text{ cm}^3 \end{aligned}$$

The population of Northern Ireland is 1.8 million, to the nearest hundred thousand.

What is the lowest possible number of people that live in Northern Ireland?

1,750,000