

12th February



Corbettmaths

The table gives information about the number of people voting for each party at an election.

Party	Number of Votes
Gold Party	12598
Pink Party	9112
Brown Party	20059
Purple Party	4466

+ 46235
voted

There are 52852 people who can vote
The target was that 88% of people would vote.

Was the target met?

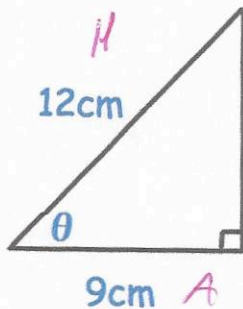
$$88\% \text{ of } 52852 = 46509.76$$

No, the target was not met.

Write $\frac{126}{40}$ as a decimal

$$40 \overline{) 126.00} \\ \underline{120} \\ 60 \\ \underline{60} \\ 00$$

3.15



Find the angle θ

$$\cos \theta = \frac{9}{12}$$

$$\theta = \cos^{-1} \frac{9}{12}$$

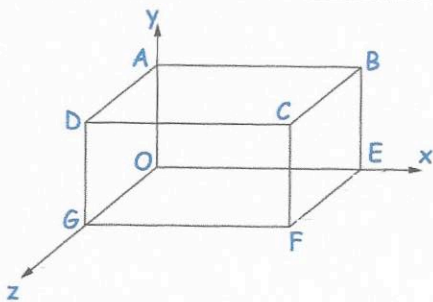
$$= 41.41^\circ$$

A car was bought for £20000.
Its value depreciated by 15% each year
for the first three years.

What was its value at the end of the
three years?

$$20000 \times 0.85^3$$

$$£ 12282.50$$



This diagram shows a cuboid drawn on
a 3D grid. C has coordinates (5, 2, 3).

Write down the coordinates of the point
A.

(0, 2, 0)