

M3 = 22 days to go!

2 (a) Bikes normally cost $\pounds b$ each.

In a sale they are each reduced by $\pounds 30$

Write an expression for the cost of a bike in the sale.

Answer _____ [1]

(b) Cycling helmets normally cost $\pounds h$ each.

In a sale they are each reduced to half-price.

Write an expression for the cost of a cycling helmet in the sale.

Answer _____ [1]

(c) Write an expression for the total cost of 4 bikes and 4 cycling helmets in the sale.

Answer _____ [2]

12 Each player in a group of 15 players scored either 2 or x goals.

Number of goals	Frequency
2	10
x	5

The mean number of goals per player was 3

Calculate x .

Answer $x =$ _____ [3]

14 Last year a company spent a total of £2400 on advertising.

This year they spent £2796

What was the percentage increase in their spending on advertising?

Answer _____% [3]