

12 The price of a holiday is increased by 10%

After the increase, the price of the holiday is £440

Jim says,

“10% of £440 is £44 so the price of the holiday before the increase was £396”

(a) Is Jim correct?

Explain your answer.

(1)

Tina sells bikes.

In November, Tina sold 25% fewer bikes than she sold in October.

In December, Tina sold 50% more bikes than she sold in November.

In December, Tina sold 180 bikes.

(b) How many bikes did Tina sell in October?

(3)