

Ratio and proportion Sheet 1

Non-Calculator

Questions

- Q1.** Share 240 pounds between Ali and Beth in the ratio 3 : 5
- Q2.** A Coat costs 85 pounds it is reduced by 25 percent in a sale what is the new price
- Q3.** A Coat costs 85 pounds it originally cost 100 pounds what is the percentage decrease to 1dp
- Q4.** x and y are directly proportional when $x = 5$ $y = 35$ what is y when $x = 11$
- Q5.** y is inversely proportional to x . When $x = 3$, $y = 4$. Find x when $y = 9$
- Q6.** A car travels 150 miles in 2.5 hours. Calculate its average speed in mph.
- Q7.** A population of bacteria doubles every 3 hours. There are 500 bacteria at 9 am. How many are there at 6 pm the same day?