Q1. (2017)

13 In a class of 28 students

the mean height of the 12 boys is 1.58 metres

the mean height of all 28 students is 1.52 metres.

Work out the mean height of the girls.

[4 marks]

Answer _____ metres

Q2. (2019)

17 A factory makes kettles.

Four samples of kettles are tested for faults.

Each sample has size 200

Here are the relative frequencies of faulty kettles in the samples.

Sample	P	Q	R	S
Relative frequency	0.03	0.035	0.015	0.01

Work out the range of the number of faulty kettles in the four samples.

[3 marks]

Q3.(2019)

8 Rearrange $y = 3x - 2$ to make x the subject.

Circle your answer.

[1 mark]

$x = \frac{y}{3} - 2$ $x = \frac{y+2}{3}$ $x = \frac{y-2}{3}$ $x = \frac{y}{3} + 2$