

1. (a) Work out 68% of 90

(b) Work out 328% of 300

2. There are 150 parents at a sports day.

24% of the parents say they would like to do the wheelbarrow race.

Work out how many of the parents would like to do the wheelbarrow race.

3. A washing machine costs £480

Toni gets 6% off the price of the washing machine.

Work out how much she has to pay for the washing machine.

4. (a) Ronan got 78 out of 150 in his test.

Express 78 as a percentage of 150

(b) Amelie is training for a half marathon.

The table below shows her 25 kilometre training programme for one week.

Sunday	long slow run	12 kilometres
Tuesday	recovery run	4 kilometres
Wednesday	hill running	6 kilometres
Friday	speed running	3 kilometres

Calculate the percentage of Amelie's training that is speed running.

(c) Amna conducts a survey.

She asks 40 girls about their morning routines.

7 of the girls spend less than half an hour getting ready in the mornings.

Calculate the percentage of these girls who spend up less than an hour getting ready.

5. (a) Chloe's height increases from 145 cm to 164 cm

Calculate the percentage increase in Chloe's height.

Give your answer correct to 3 significant figures.

(b) Carol wants to be a Meteorologist.

She measures the rainfall in her home town from January to April.

The table below shows the monthly rainfall (in mm) in Carol's home town.

<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>
82.9	60.3	64	58.7

Work out the percentage decrease of rain from January to April.

Give your answer correct to 3 significant figures.