

Name :

Teacher :

Official Homework 12 Statistics

Created by Mr Lafferty
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This homework covers topics

Score

Basic Number Operations

Mean

Mean from Frequency Table

Median

Stem-Leaf

Mode

21

Teacher Comments :

Pupil's Comment :

1. Carry out the following instructions. (NON - CALCULATOR QUESTION)

(a) $13 - 2.7 + 2.6$

Working :

(b) 43.4×6

Working :

(c) $2790 \div 900$

Working :

(d) 65 % of 350

Working :

(5 marks)

Q2. Corey wanted to know the average number of hours cars were parked in a car park. She did a survey of the number of cars which were parked in the car park on a particular day. Complete the table and find the mean parking time per car.

Parking Hours	Frequency	Hours x Frequency
2	25	
3	21	
4	47	
5	20	
6	11	
Totals		

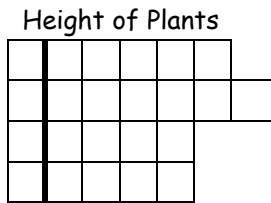
(4 marks)

3. Each pupil in a science class is growing a plant.
A few weeks later the height of each plant is measured.

The heights in centimetres are shown below.

2.3 2.5 3.2 3.4 4.2 2.1 5.9 4.5 3.8
5.1 4.4 2.3 5.6 2.5 4.8 3.3 5.4 3.5
3.5

- (a) Complete the ordered stem-leaf.



- (b) Find the median height.

(4 marks)

n = 19 Key 2|1 means 2.1

(4 marks)

- Q4. The number of minutes it takes pupils to travel to school is given below.

Calculate the **mean**, **median** and **mode** for the data.

12 21 7 19 13 4 19 19 22 12 13 19 19 3 8
19 7 19 22 11 19 14 23 21 6 14 22 25 3 7

(4 marks)