

Name :

Teacher :

General Official Homework 10

Created by Mr Lafferty
St. Ninian's High School

This homework covers topics

Score

Basic Number Operations

Algebraic Equations

19

Money

Speed Distance Time

Statistics

Stem-Leaf

Teacher Comments :

Pupil's Comment :

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

(a) $782 - 389.1$

Working :

(b) 16.2×70

Working :

(c) $360.5 \div 7$

Working :

(d) 60 % of 48

Working :

(5 marks)

2. Rowan wants to buy 16 theatre tickets.

The price of one ticket is £20.50

The theatre has a special online offer of four tickets for the price of three.

Rowan makes use of the special online offer.

How much does Rowan pay for the 16 theatre tickets?



(3 marks)

Working :

3. Ten people were asked to guess the number of coffee beans in a jar. (2 marks)

Their guesses were:

- 319 302 219 213 214
229 231 239 302 208



Working :

4. Solve algebraically the equation.

$$9h - 4 = 3h + 14$$

Working :

(3 marks)

5. For safety reasons the speed limit in London city centre is 30 miles per hour.

The distance between two particular speed limit signs is 28.0 miles.

A van took 48 minutes to travel between these signs.



What was the speed of the van ?

Working :

(3 marks)

5. Caitlin asked her class to note the number of songs they downloaded to their phones in the last month.



The answers are shown below.

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 13 | 14 | 22 | 23 | 31 | 11 | 47 | 36 | 29 |
| 41 | 33 | 13 | 46 | 15 | 39 | 23 | 44 | 25 |
| 24 | 48 | | | | | | | |

Display these answers in an ordered stem and leaf diagram.

Number of Songs



Working :

(3 marks)

n = 19 Key 1|1 means 11

Total marks 19
