

Name :

Teacher :

General Official Homework 5

Created by Mr Lafferty
St. Ninian's High School

This homework covers topics

Score

Basic Number Operations

Linear Patterns

21

Simple Percentage & Money

Stem - Leaf

Time

Teacher Comments :

Pupil's Comment :

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

(a) $20 - 4.7 + 5.49$ Working :

(b) 49.1×7 Working :

(c) $2480 \div 400$ Working :

(d) $\frac{8}{9}$ of 72 Working :

(5 marks)

2. Georgia has a part time job in a local pottery. She paints designs on coffee mugs.
Her basic rate of pay is £8.25 per hour.

She also gets paid an extra 21 pence for every mug she paints.

Last week Georgia worked 20 hours and painted 60 mugs.



How much was she paid ?

(3 marks)

Working :

3. Sandra is going to see a movie. The movie has an evening and a late night showing.

	Evening showing	Late night showing
Start Time	18:15	*****
Finishing Time	21:00	00:15

(a) How long does the movie last?

(b)
When does the late night showing start ?

Working :

(3 marks)

4. (a) Complete the following table

Number of M-shapes (m)	1	2	3	4	5		12
Number of silver bars (b)	7		19	25			

(b) Write down a formula for calculating the number of bars (b) when you know the number of M-shapes (m).

Working :

(c) Find the number of M - shapes given 175 silver bars.

Working :

(6 marks)

5. 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.

5.3 5.5 6.1 6.3 7.1 5.1 8.8 7.6 6.8
8.1 7.2 5.4 8.7 5.7 7.8 6.2 8.3 6.6
6.4

(a) Complete the ordered stem-leaf.

Height of Plants



(b) Find the median height.

(4 marks)

n = 19 Key 5|1 means 5.1

Total marks 21