

Name :

Teacher :

General Official Homework 2

Created by Mr Lafferty
St. Ninian's High School

This homework covers topics

Score

Basic Number Operations

Algebraic Equations

23

Simple Percentage & Money

Linear Patterns

Negative Numbers

Trigonometry

Teacher Comments :

Pupil's Comment :

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

(a) $883 - 513.2$

Working :

(b) 34.7×80

Working :

(c) $466.5 \div 5$

Working :

(d) 40 % of 29

Working :

(5 marks)

2. Maura sees a bracelet costing £ 115 in a jeweler's window.

The jeweler offers Maura a 5 % discount.

Maura decides to buy the bracelet.

How much does she pay ? (NON - CALCULATOR)

(3 marks)

Working :

3. In an experiment Georgia measures the temperature of two liquids. (2 marks)

Liquid one's temperature $-21\text{ }^{\circ}\text{C}$

Liquid two's temperature $-4\text{ }^{\circ}\text{C}$

Find the difference in temperature.

Working :

4. Solve algebraically the equation.

$$18 = 9x - 9$$

Working :

(3 marks)

5. (a) Complete the following table

No. of colour tiles (C)	1	2	3	4	5		10
No. of white tiles (W)	7		25	34			

(b) Write down a formula connecting the number of white and colour tiles.

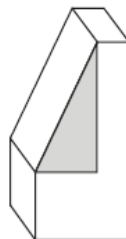
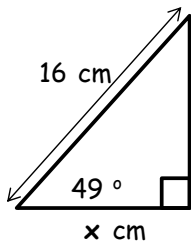
Working :

(c) How many colour tiles are required for 178 white tiles ?

Working :

(6 marks)

6. The shaded part of a garden light is triangular.



Working :

Calculate the value of x to 1 decimal place.

(4 marks)

Total marks 23