

Name :

Teacher :

General Official Homework 3 Decimals

Created by Mr Lafferty
St. Ninian's High School

This homework covers topics

Score

Basic Number Operations

Conversions

35

Decimal Operations

Mixed Questions

$\times \div$ Decimals by 10, 100, 1000

Mixed Questions

Teacher Comments :

Pupil's Comment :

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

(a) $796.9 - 493.1$

Working :

(b) 41.9×50

Working :

(c) $318.6 \div 6$

Working :

(d) $\frac{7}{8}$ of 168

Working :

(5 marks)

2. Do the following calculations

(a) $64.79 + 45.1$

(b) $67.8 - 20.1$

(c) 52.86×9

(d) $365 \div 5$

(8 marks)

Working :

3. Write down the answers to the following

(a) 92.93×1000

(b) 13.71×1000

(c) 0.64×100

(d) $38.38 \div 100$

(e) $1.67 \div 1000$

(f) $34.2 \div 10$

(6 marks)

4. Convert the following

(a) 73.78 metres to millimetres

(b) 24.13 centimetres to metres

(c) 56.7 kilograms to grams

(d) 947 millimetres to litres

(4 marks)

5. (a) A drum holds 3.83 litres of oil when full. 5 full drums of oil spill on to the roadway.

How much oil is on the roadway ?

(b) 52.5 litres of liquid weedkiller is poured equally over 7 lawns.

How much weedkiller was poured on each lawn ?

(4 marks)

6. (a) An empty bus weighs 6000 kg.

When 10 passengers are seated on the bus
 the total weight is 6998 kg.

What is the AVERAGE weight of one passenger ?

(3 marks)

(b) A packet of crisps weighs 33 grams.

A box holds 48 packets of crisps.

The empty box weighs 0.5 kilograms.

A load of 50 boxes of crisps is loaded onto a lorry.

Calculate the total weight of the 50 boxes of packets of crisps,

(a) in grams

(b) in kilograms.

(5 marks)

Total marks 35