Name :

Teacher :

General Official Homework 11

Created by Mr Lafferty
St. Ninian's High School

This homework covers topics   Score

Basic Number Operations	☐	Algebraic Brackets	☐
Speed Distance Time	☐	Money	☐
Fractions	☐	Pythagoras Theorem	☐

20

Teacher Comments :

Pupil's Comment :

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

(a)   862.8   -   498.8

Working :

(b)   22.3   x   70

Working :

(c)   562.4   ÷   8

Working :

(d)   60   % of   89

Working :

(5 marks)

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2. A Sprinter train travels at an average speed   70   kilometres per hour.

The train takes   1   hours   24 minutes to travel between Dingwall and Aberdeen.

Calculate the distance between Dingwall and Aberdeen.

(2 marks)

Working :

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3. Calculate   (2 marks)

$8 \times 2\dfrac{9}{10}$

Working :

4. Simplify

7 (m + 8) + 7 (7 - 2 m)

Working :

(3 marks)

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5. The Duff family owns two dogs and a cat.
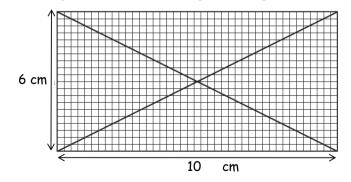
Last year each dog had   3   check-ups at Belmont Vets.

The family cat also had check-ups last year.

The Duff's total check-up fees for the two dogs and the cat were   £137.70

How often did the cat have a check-up?

Vet Rates	
Dogs	£37.70
Cat	£12.30
Rabbits	£26.80

Working :

(4 marks)

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5. A rectangular metal grill for a window is shown below.
    Two diagonal metal bars strengthen the grill.

6 cm

10   cm

Find the length of one of the metal bars.
Round your answer to the nearest centimetre.

Working :

(4 marks)

Total marks 20