Name :

Teacher :

General Official Homework 12

Created by Mr Lafferty

St. Ninian's High School

This homework covers topics   Score [ ] [22]

Basic Number Operations [ ]   Algebraic Equations [ ]

Money & Percentages [ ]   Perimeter & Area [ ]

Money [ ]   Trigonometry [ ]

Teacher Comments :

Pupil's Comment :

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

(a)   846.9   -   377.4

Working :

(b)   18.5   x   30

Working :

(c)   211.8   ÷   6

Working :

(d) $3 \times \dfrac{5}{6}$

Working :

(5 marks)

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2. Maura invests   £9,640 in the Platinum Saver Account which pays   4.1% interest per annum.

How much simple interest will she receive after 11   months?

Round your answer to the nearest pence.

Platinum Saver Account
Interest Rate
4.1%

(3 marks)

Working :

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3. Mr Lafferty is a bricklayer. He builds a wall using   8500   bricks: (3 marks)
   • a charge of   £140 is made for every 500 bricks he lays.
   • each brick costs 24 pence

What is the total cost of building the wall?

Working :

4.   Solve algebraically the equation.
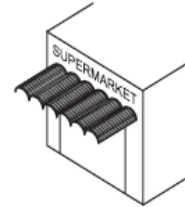
   8 l - 3 = 3 l + 7

Working :

(3 marks)

5. A supermarket has a canopy over its entrance.

   The edge of the canopy has 6 semicircles as shown below.

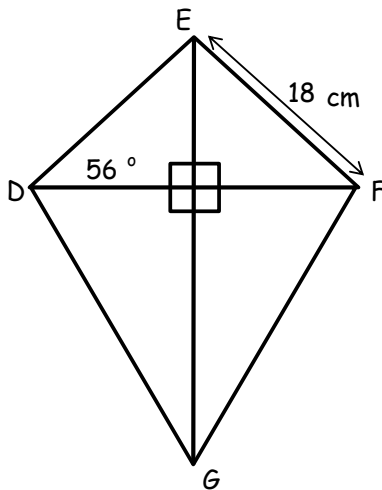   Each semicircle has a diameter of 6 metres.

   Find the length of the curved edge of canopy
   Round answer to 1 decimal place.

Working :

(4 marks)

6. DEFG is a kite:

   • angle DEG =   56 °
   • EF =   18 centimetres.

E

18 cm

56 °

D

F

G

Working :

Calculate the length of DF to 1 decimal place.

(4 marks)

Total marks 22