Mathematics Essential

Task 2.1 – Unit 2

Name: _____

Assessment type: Response - Skills

Marks: 14 marks _____/14

Conditions:
Time for the task: 15 minutes
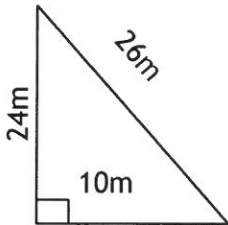In class, calculator permitted

Task weighting:
2% of the school mark for this unit

___Don't forget to include UNITS

1.   What is the area of a 6m by 9.5 m rectangle? (hint: draw it)

2.   What is the perimeter of the same rectangle? (hint:use the drawing)

2.   What is the area of triangle below with sides of 10m, 24m and 26m?

4.   If you walk at 4.5 km per hour, how far would you travel in 80 minutes?

5.   Increase $1250 by 11%

6.   Write 1/3 as a percentage (to 1 decimal place)

7.   Write 222 % as a decimal

8.   Find the **median** for the following set of data.
        4, 5, 6, 8, 8, 12

9. Find the **Mean** for the following set of data.
    4, 5, 6, 8, 8, 12

10. Find the mode from the stem and leaf plot below.

Stem	Leaf
1	1 2 5 7 7
2	0 1 3 4 8
3	2 9

11. A 10cm x 10 cm x 20 cm container has the capacity of _____ Litres?

12. If someone ran 2000m in 5 minutes what was their average speed? (m/min)

13. a) What is 1:12 pm in 24 hour time?

    b) What is the time difference between 9.40 pm and 2.00 am the next day?