Name……

Maths Teacher……..

45 Minutes

Maths Paper 1

50 Marks

No calculators allowed

1) Write the number thirty million, seven hundred and eight thousand and twelve in digits

……(1 Mark)

2) Evaluate $405 - 97$

……(2 Marks)

3) Simplify fully:

a) $4x + x - 2x$

……(1 Mark)

b) $6y \times 5$

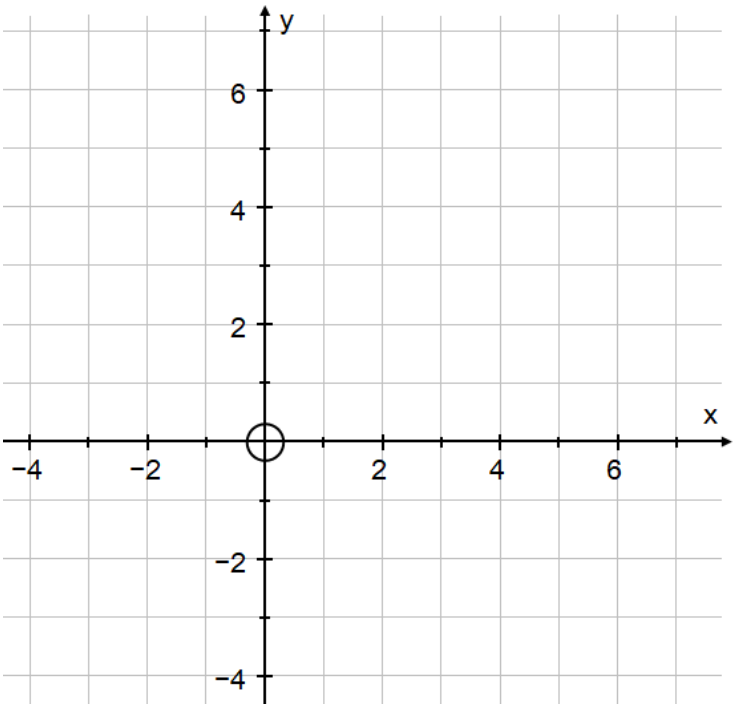
……(1 Mark)

c) $5a - b - 2a + 9b$

……(2 Marks)

4a) Plot the coordinate (5, -1) on the axes below, then label this co-ordinate A (1 Mark)

b) Draw the line $y = 2$ on the axes below (1 Mark)



5) Find 22% of £180, showing your method clearly

……(2 Marks)

6) Evaluate $\frac{6}{7} \times \frac{2}{9}$

Give your answer in its simplest form

……(2 Marks)

7a) Write $\frac{17}{25}$ as a decimal

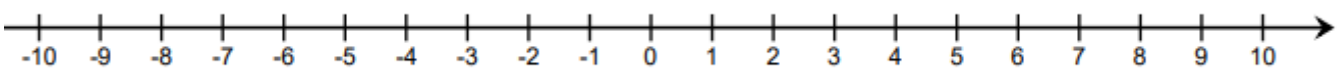
……(2 Marks)

b) Write 1.02 as a mixed number in its simplest form

……(2 Marks)

8) Use the number line below to represent the set of numbers given by:

$$-2 \leq x < 5$$



(2 Marks)

9) Evaluate

a) 0.3×0.09

.....(2 Marks)

b) $(-2) + (-6)$

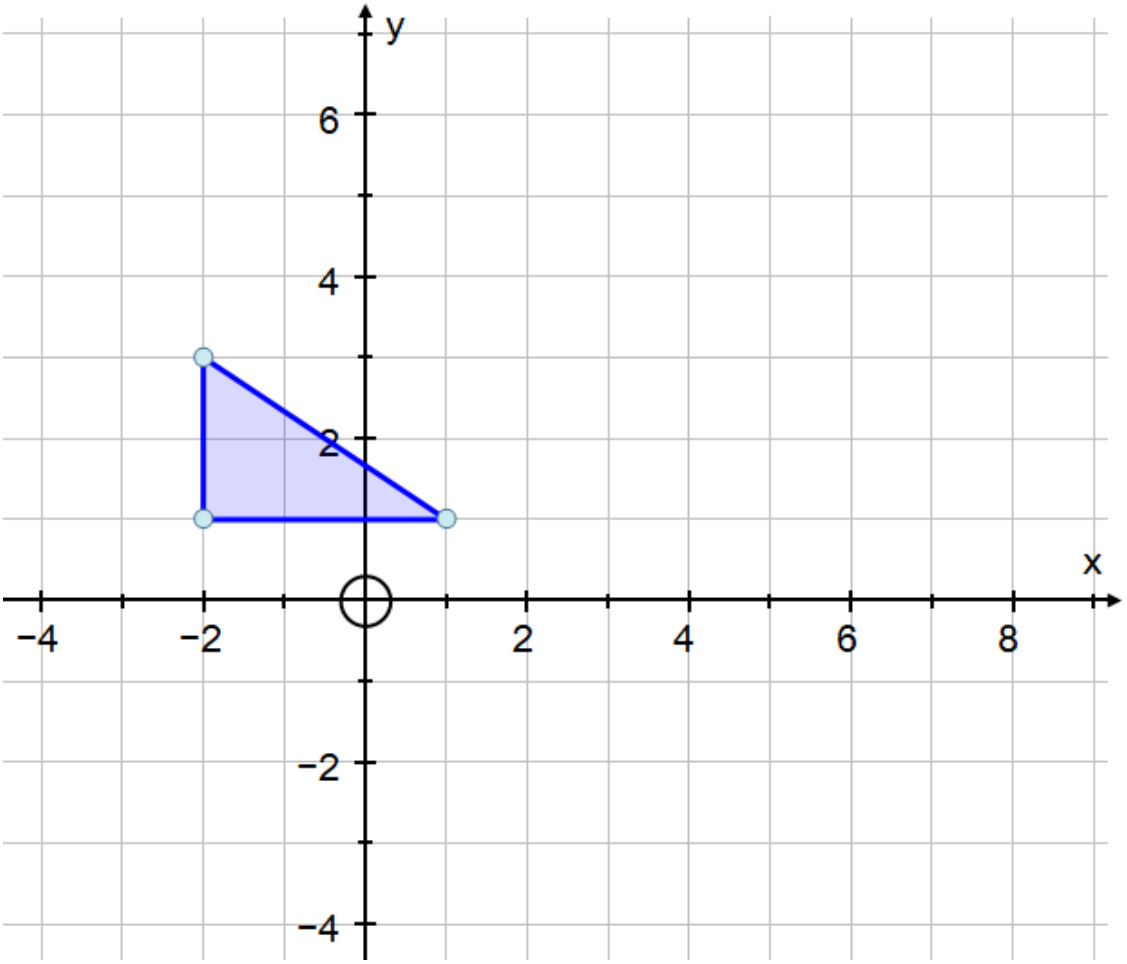
.....(1 Mark)

c) -40×-8

.....(2 Marks)

10) Shape S is given below

Reflect shape S in the line $x = 3$



(2 Marks)

11) Solve for x

a) $3x - 4 = 10$

……(2 Marks)

b) $\frac{x}{6} + 5 = -2$

……(2 Marks)

12) Evaluate

a) $6 \times 3^2 - 10$

……(3 Marks)

b) $9 \times 8 - \frac{22-4}{5+1}$

……(3 Marks)

13) A linear sequence is given below:

$$54,\ 55.5,\ 57,\ 58.5,\ 60, \ldots$$

a) Write down an nth term formula for this sequence

……(2 Marks)

b) Hence find the 200th term in this sequence

……(2 Marks)

c) Is 212 a term in this sequence? How do you know?

(2 Marks)

14) Expand and simplify

$$2x(3x + 4) - 3(8x - x^2)$$

……(3 Marks)

15) A and B are non-zero digits.

Find the value of A and B in the calculation below

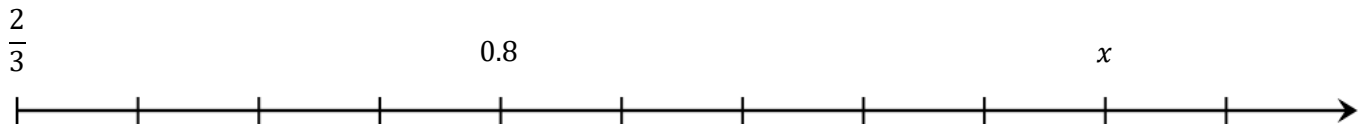
	A	8	8
x			B
1	1	5	A

A = …….

B = …….

(3 Marks)

16) Find the value of the number x given on the number line below



……(2 Marks)