KS3 Homework 37

1. Work out $127.3 + 45.67$

172.97

(1 mark)

2. Work out $85.1 - 56.38$

28.72

(1 mark)

3. Work out 2.3×1.8

4.14

(2 marks)

4. Work out £11.44 ÷ 4

£2.86

(2 mark)

5. Round 15.627 to the nearest 1 dp

15.6

(1 mark)

6. Work out 5×-14

-70

(1 mark)

7. $\frac{3}{5}$ of x is 12, what is x?

20

(1 mark)

8. Find 40% of 122

48.8

(1 mark)

9. Convert $\frac{1}{9}$ to a decimal

$0.\dot{1}$

(1 mark)

10. Calculate $3^3 - 2^2$

23

(2 marks)

11. Write down the nth term

8 , 12 , 16 , 20 , 24

$4n + 4$

(2 marks)

12. Simplify

$\frac{16}{40}$

$\frac{2}{5}$

(1 mark)

Name : ..... Class..... Score.....

13. Simplify $6x + 3x^2 - 5x - 6x^2$

$x - 3x^2$

(2 mark)

14. Work out $3ab \times \square = 36ab^2$

$12b$

(1 mark)

15. Expand and simplify

$5(6a - 2) + 2(4a - 1)$

$38a - 12$

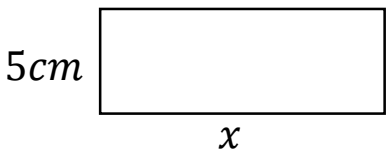
(2 marks)

16. What is the HCF of 24 and 36

12

(2 marks)

17. Calculate x

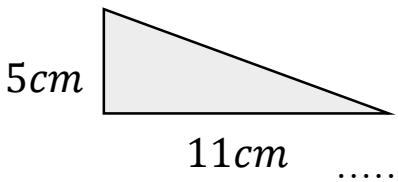


Perimeter = 26cm

$8cm$

(1 mark)

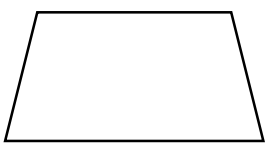
18. Calculate the area



$27.5cm^2$

(2 mark)

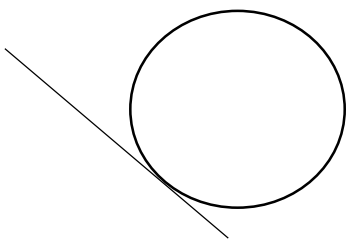
19. Name this shape



Trapezium

(1 mark)

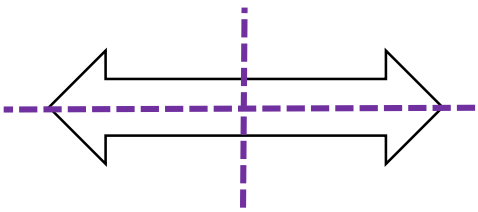
20. Name this part of a circle



Tangent

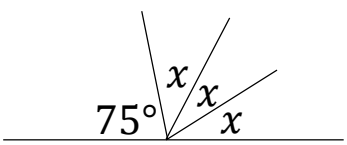
(1 mark)

21. Draw all the lines of symmetry



(1 mark)

22. Calculate x



$x =$ 35°

(2 mark)

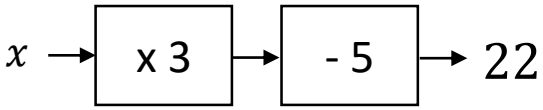
23. Workout

$5 \times 3^2 + \sqrt{25}$

50

(2 mark)

24. Solve



$x =$ 9

(1 mark)