KS3 Homework 39

1. Work out $172.8 + 54.63$

227.43

(1 mark)

2. Work out $86.3 - 67.46$

18.84

(1 mark)

3. Work out 1.3×3.5

4.55

(2 marks)

4. Work out £10.28 ÷ 4

£2.57

(2 mark)

5. Round 15.6374 to the nearest 1 dp

15.6

(1 mark)

6. Work out $7 - (-15)$

22

(1 mark)

7. $\frac{2}{3}$ of x is 18, what is x?

27

(1 mark)

8. Find 40% of 183

73.2

(1 mark)

9. Convert $\frac{5}{3}$ to a decimal

0.625

(1 mark)

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

900

(2 marks)

11. Write down the nth term

$2, 0, -2, -4, -6$

$-2n + 4$

(2 marks)

12. Simplify

$\frac{36}{40}$

$\frac{9}{10}$

(1 mark)

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

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

$-2x^2$

(2 mark)

14. Work out $7m \times \square = 49mn^2$

$7n^2$

(1 mark)

15. Expand and simplify

$4(2a + 6) - 3(a + 2)$

$5a + 18$

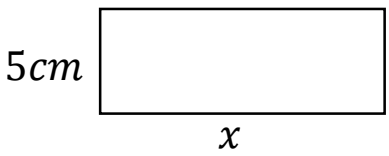
(2 marks)

16. What is the HCF of 24 and 32

8

(2 marks)

17. Calculate x

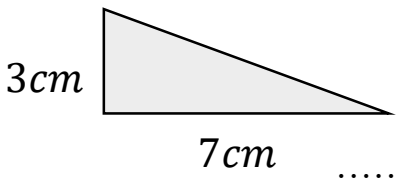


Perimeter = 28cm

$9cm$

(1 mark)

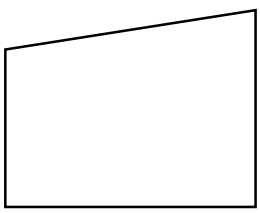
18. Calculate the area



$11.5cm^2$

(2 mark)

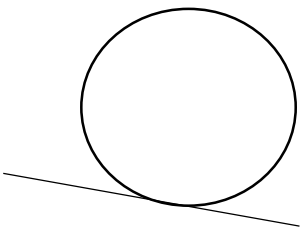
19. Name this shape



Trapezium

(1 mark)

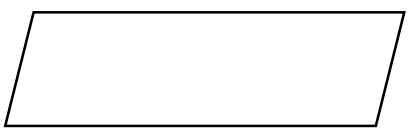
20. Name this part of a circle



Tangent

(1 mark)

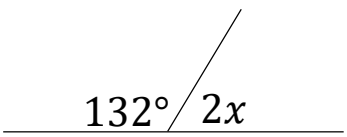
21. Draw all the lines of symmetry



No lines

(1 mark)

22. Calculate x



$x =$ 24°

(2 marks)

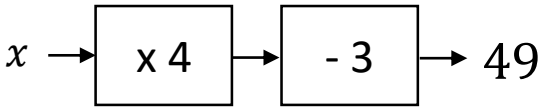
23. Workout

$2 \times 4^2 - 3 \times 5$

17

(2 marks)

24. Solve



$x =$ 13

(1 mark)