KS3 Homework 22

1. Work out $42.7 + 8.52$

51.22

(1 mark)

2. Work out $13 - 6.3$

6.7

(1 mark)

3. Work out 2.8×13

36.4

(2 marks)

4. Work out £6.85 ÷ 5

£1.37

(1 mark)

5. Round 5.63847 to the nearest 2 dp

5.64

(1 mark)

6. Work out $-2 + (-6)$

-8

(1 mark)

7. What is $\frac{3}{4}$ of 28

21

(1 mark)

8. Find 15% of 80

12

(1 mark)

9. Convert $\frac{4}{5}$ to a decimal

0.8

(1 mark)

10. Calculate $12^2 - \sqrt{100}$

134

(2 marks)

11. Write down the nth term

5 , 10 , 15 , 20 , 25

$5n$

(1 mark)

12. Simplify

$\frac{6}{16}$

$\frac{3}{8}$

(1 mark)

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

13. Simplify $5n - 4m + 2n + 3m$

$7n - m$

(2 marks)

14. Simplify $5y \times 6y$

$30y^2$

(1 mark)

15. Expand $5(2a + 5)$

$10a + 25$

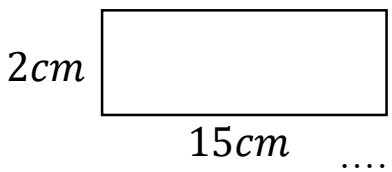
(2 marks)

16. Write down all the factors of 16

1×16
2×8
4×4

(1 mark)

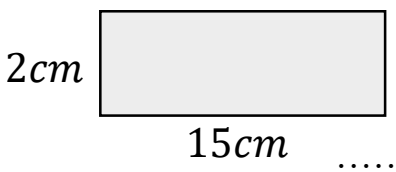
17. Calculate the perimeter



$34cm$

(1 mark)

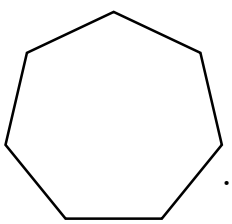
18. Calculate the area



$30cm^2$

(1 mark)

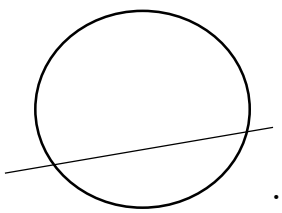
19. Name this shape



Heptagon

(1 mark)

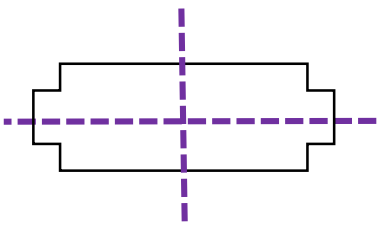
20. Name this part of a circle



Chord

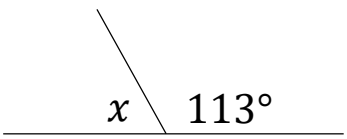
(1 mark)

21. Draw all the lines of symmetry



(1 mark)

22. Calculate x



$x =$ 67°

(1 mark)

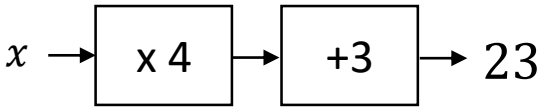
23. Workout

$10 \div 2 + 4 \times 2$

13

(2 marks)

24. Solve



$x =$ 5

(1 mark)