KS3 Homework 24

1. Work out $17.6 + 8.53$

26.13

(1 mark)

2. Work out $8.4 - 2.64$

5.76

(1 mark)

3. Work out 0.3×24

7.2

(2 marks)

4. Work out £17.34 ÷ 2

£8.67

(2 marks)

5. Round 0.2351 to the nearest 2 dp

0.24

(1 mark)

6. Work out $-4 + (-9)$

-13

(1 mark)

7. What is $\frac{2}{5}$ of 45

18

(1 mark)

8. Find 30% of 150

45

(1 mark)

9. Convert $\frac{2}{3}$ to a decimal

$0.\dot{6}$

(1 mark)

10. Calculate $9^2 - \sqrt{9}$

78

(2 marks)

11. Write down the nth term

10 , 20 , 30 , 40 , 50

$10n$

(1 mark)

12. Simplify

$\frac{9}{21}$

$\frac{3}{7}$

(1 mark)

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

13. Simplify $4a + 2b + 9a - 7b$

$13a - 5b$

(2 marks)

14. Simplify $4j \times 9k$

$36jk$

(1 mark)

15. Expand $4(5a + 4)$

$20a + 16$

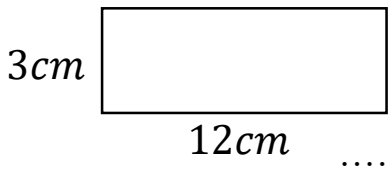
(2 marks)

16. Write down all the factors of 20

1×20
2×10
4×5

(1 mark)

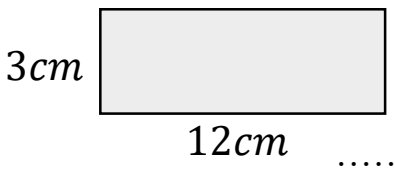
17. Calculate the perimeter



$30cm$

(1 mark)

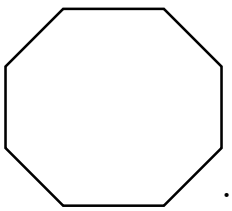
18. Calculate the area



$36cm^2$

(1 mark)

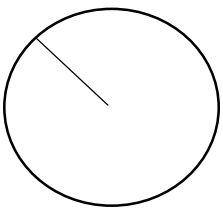
19. Name this shape



Octagon

(1 mark)

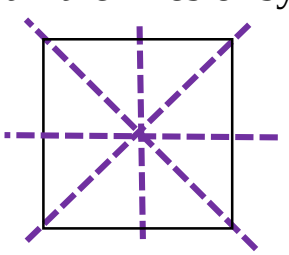
20. Name this part of a circle



Radius

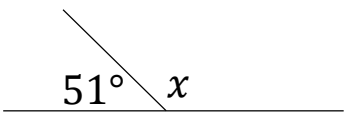
(1 mark)

21. Draw all the lines of symmetry



(1 mark)

22. Calculate x



$x =$ 129°

(1 mark)

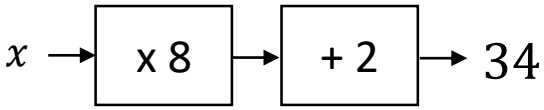
23. Workout

$36 \div 6 + 2^2$

10

(2 marks)

24. Solve



$x =$ 4

(1 mark)