

**Primary Four
Mathematics
Semestral Assessment Two**

Section A (12 x 2 marks)

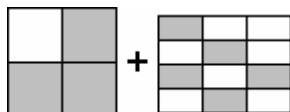
Choose the correct answer out of the given options and write your answer in the space box given.

1. In 23.975, the digit 9 is in the _____ place.
(1) tens (2) tenths
(3) hundredths (4) thousandths

2. Divide 3 000 by 10, the answer is _____.
(1) 300 (2) 30
(3) 3 (4) 0.3

3. If Amy sells 36 books a day, how many books will she sell in 2 weeks.
(1) 72 (2) 252
(3) 484 (4) 504

4. Find the value of

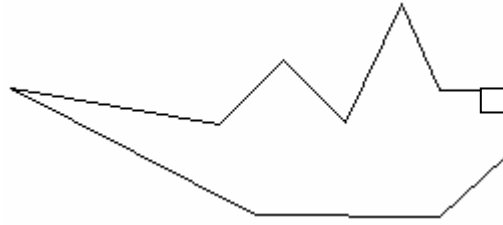


- (1) $1\frac{1}{7}$ (2) $1\frac{1}{6}$
(3) $1\frac{5}{12}$ (4) $1\frac{7}{12}$

5. How many wholes are there in the sum of $\frac{7}{2}$ and $\frac{6}{4}$?
(1) 4 (2) 5
(3) 6 (4) 7

6. The mixed number $39\frac{17}{25}$ can be written as _____.
(1) 39.04 (2) 39.17
(3) 39.25 (4) 39.68

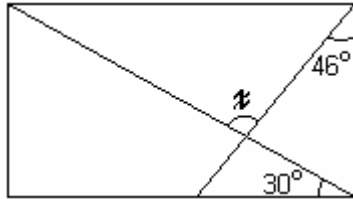
7. In the figure below, there are _____ pairs of perpendicular lines.



- (1) 1
- (3) 3

- (2) 2
- (4) 4

8. ABCD is a rectangle. Find the value of $\angle x$.



- (1) 74°
- (3) 106°

- (2) 76°
- (4) 120°

9. Lydia bought a handbag that costs \$11.05 more than her wallet. If her wallet costs \$39.80, how much did she spend on both items?

- (1) \$90.65
- (3) \$61.90

- (2) \$79.60
- (4) \$50.85

10. Felicia weighs 8 times as heavy as her baby brother. If her baby brother weighs 6.86kg, what is their total weight?

- (1) 14.86 kg
- (3) 54.88 kg

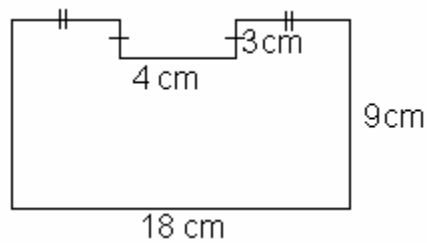
- (2) 48.02 kg
- (4) 61.74 kg

11. One episode of a drama on VCD lasts $\frac{3}{4}$ h. How long will it take to watch 6 such episodes?

- (1) $6\frac{3}{4}$ h
- (3) $3\frac{1}{2}$ h

- (2) $5\frac{1}{2}$ h
- (4) $4\frac{1}{2}$ h

12. Find the area of the figure given below.



- (1) 108 cm^2
- (3) 150 cm^2

- (2) 126 cm^2
- (4) 162 cm^2

Section B (25 x 2 marks)

Read the questions below carefully and write your answers in the space given.

13. Mr Johnson's present age is a multiple of 5. Four years ago, his age was a multiple of 8. If his present age is between 50 and 70, how old is he now?

14. Sam has 12 more marbles than Kent who has 7 times as many marbles as Jason. If Jason has 13 marbles, how many marbles does Sam have?

15. Find the sum of all the factors of 21.

16. Write down two whole numbers which will make the number sentence below true.

$$\underline{\quad} \times \underline{\quad} \times 10 = 570$$

17. What is the sum of $\frac{5}{8}$ and $\frac{3}{4}$. Give your answer as a mixed number.

18. The product of 2 whole numbers is 360. Their sum is 46. What are the 2 numbers?

19. Anne baked a pie and ate $\frac{3}{7}$ of it. What fraction of the pie was left?

20. How many sevenths must be added to $1\frac{2}{7}$ to get 3?

21. There are 34 flowers in a bouquet. 8 are purple and 10 are red. The rest of the flowers are pink. What fraction of the flowers are pink. Give your answer in its simplest form.

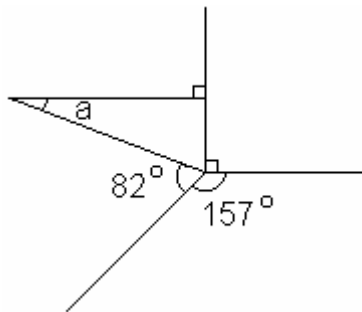
22. Study the number sequence below and complete it. Give your answers in its simplest form.

$\frac{5}{6}, 1\frac{1}{3}, \underline{\hspace{2cm}}, 2\frac{1}{3}, \underline{\hspace{2cm}}.$

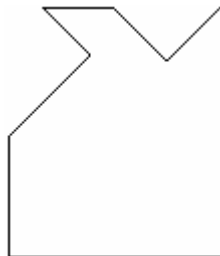
23. Study the table below and complete it.

| CCA | Number of pupils | Girls | Boys |
|------------|------------------|-------|------|
| Basketball | 35 | | 20 |
| Tennis | 24 | 11 | 13 |
| Swimming | | | 9 |
| Badminton | 36 | 18 | 18 |
| Total | 120 | 60 | 60 |

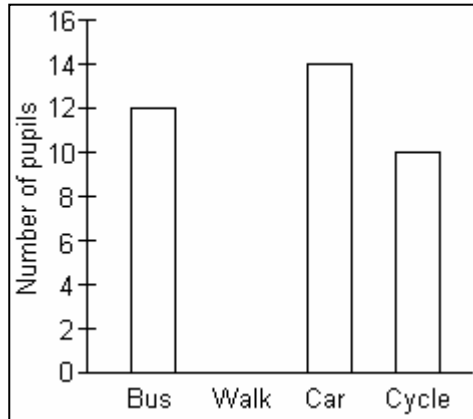
24. The figure below is not drawn to scale. Find $\angle a$.



25. How many pairs of parallel lines are there in the figure below?

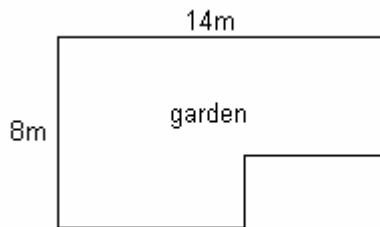


26. The graph below shows the number of pupils using different modes of transport to get to school.

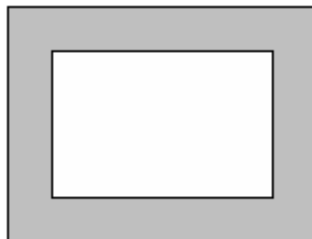


- (a) The number of pupils who cycle to school is twice the number of those who walk. How many pupils walk to school? Draw and shade the appropriate bar graph to complete the above graph.
- (b) How many pupils are there altogether?

27. How much will I have to pay to fence my garden if each metre costs \$6.80?



28. A picture frame has a border of 2cm all around it. If the length of the frame is 12cm and its breadth is 9cm, what is the area of the picture?



29. Express $\frac{9}{40}$ as a decimal.

30. Express 3.08 as a fraction in its simplest form.

31. Arrange the following decimals in descending order.

0.102 0.12 0.012 0.201

32. June is 1.3 m tall. Her brother is 0.25 m taller than her. What is her brother's height?

33. Lily bought 3 books which cost \$5.58 each and 5 files which cost \$2.75 each. How much did she spend altogether?

34. Ahmad drove 13.78 km from Town A to Town B on Monday. On Tuesday, he continued his journey from Town B to Town C and covered 7.93 km. How much further did he travel on Monday? Round off your answer to the nearest km.

35. If Julian shared a meal which cost \$21 with 3 other friends equally, how much was his share?

36. 3 200 ml of water is poured equally into 8 bottles. How much water is there in each bottle?

37. A bag of potatoes is 14 times as heavy as a packet of carrots. What is the weight of the bag of potatoes if 2 packets of carrots weighed 1 000 g?

Section C (5 x 4 marks)

Read the questions carefully and answer them in the space given. Show your working clearly.

38. Miss Wong works from 8:30am to 4pm everyday except on weekends. How many hours does she work in a week?

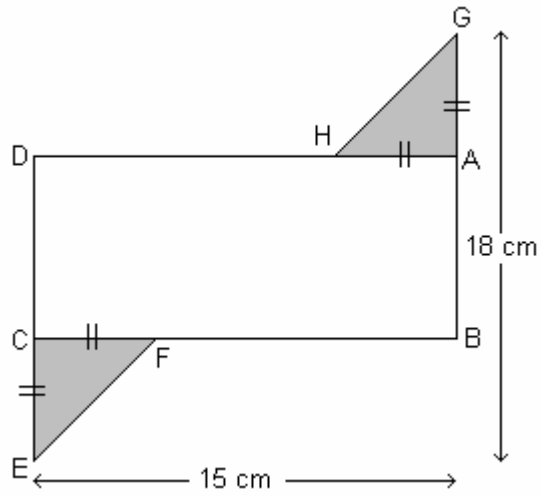
39. Linda had some flowers. $\frac{2}{5}$ of the flowers were daffodils and $\frac{4}{15}$ were roses. The remaining flowers were daisies. If there were 10 daisies, how many flowers were there altogether?

40. The incomplete table below shows the favourite subjects of pupils.

| | Boys | Girls | Total |
|---------------|------------------------|-------|-------|
| English | | | 82 |
| Mother Tongue | 23 | 15 | |
| Maths | | 25 | 48 |
| Science | 31 | | |
| | Total number of pupils | | 222 |

Given that 14 more girls than boys liked English best, complete the table.

41. ABCD is a rectangle. Triangles GAH and CEF are identical. The total area of the shaded parts is 36 cm^2 . Find the area of the rectangle.



42. Mr Jin divided his mangoes into 2 sizes, big and small. He sold the small mangoes at \$2 each and the big ones at \$3 each. He collected a total of \$2850 from the sale of all the mangoes. If he had sold 450 small mangoes, how many big mangoes did he sell?