Semestral Assessment 1

Section A	28
Section B	40
Section C	32
TOTAL	100

Duration: 1 h 45 min

Specimen Paper 2

Section A (14 questions – 2 marks each)
Choose the correct answer and write its number in the brackets provided.

1. In which of the following numbers is the digit 0 in the hundreds place?
   (1) 89 301 (2) 30 189
   (3) 19 830 (4) 13 098 ( )

2. What is the missing number?
   17 thousands 9 tens = _____.
   (1) 1709 (2) 17 009
   (3) 17 090 (4) 70 090 ( )

3. 8 is a common multiple of _____.
   (1) 2 and 4 (2) 4 and 16
   (3) 8 and 16 (4) 16 and 24 ( )

4. How many quarters are there in $5\frac{1}{2}$?
   (1) 8 (2) 10
   (3) 11 (4) 22 ( )

5. Find the value of $\frac{7}{10} - \frac{3}{5}$.
   (1) $\frac{4}{5}$ (2) $\frac{2}{5}$
   (3) $\frac{1}{10}$ (4) $\frac{2}{3}$ ( )

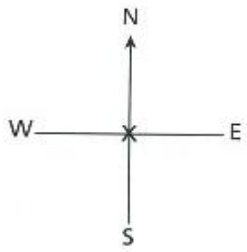
6. Mr Tan measured the mass of the bags of a few children an wrote the results in the table below.

Name of pupil	Mass of bag (kg)
Mark	$2\frac{3}{8}$
Kavi	$2\frac{1}{2}$
Cheryl	$1\frac{7}{8}$
Elijah	$2\frac{1}{4}$

Whose bag is the heaviest?

(1) Mark (2) Kavi
(3) Cheryl (4) Elijah ( )

7. A boy is standing at point X facing a certain direction. He makes a $\frac{1}{4}$-turn in the anti-clockwise direction. Then he makes another $\frac{3}{4}$-turn in the anti-clockwise direction. He ends up facing north. Which direction is he facing at first?

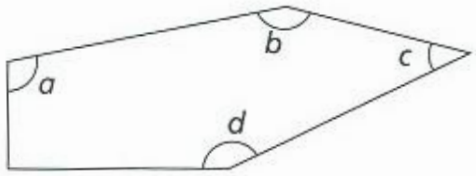


(1) north (2) west
(3) south (4) east ( )

8. Which of the following gives an answer that is smaller than 1500?

(1) 108 x 14 (2) 65 x 23
(3) 759 x 2 (4) 11 x 137 ( )

9. Which of the following angles in the figure is smaller than a right angle?



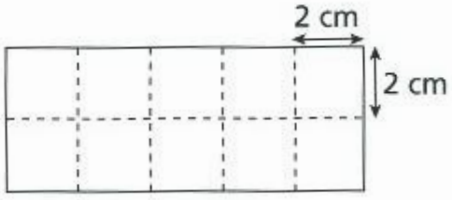
(1) $\angle a$ (2) $\angle b$
(3) $\angle c$ (4) $\angle d$ ( )

10. Which of the following gives a remainder of 3?
(1) $909 \div 7$ (2) $4000 \div 9$
(3) $514 \div 8$ (4) $5559 \div 6$ ( )

11. Wayne is twice as old as Ryan. Wayne is 6 times as old as Phillip. So, Ryan is _____ times as old as Phillip.
(1) 8 (2) 12
(3) 3 (4) 4 ( )

12. $\frac{19}{6}$ is equal to 2 + _____.
(1) $\frac{1}{6}$ (2) $1\frac{1}{6}$
(3) $1\frac{1}{2}$ (4) $3\frac{1}{6}$ ( )

13. The figure below is made up of identical 2-cm squares. What is the perimeter of the figure?



(1) 14 cm (2) 28 cm
(3) 40 cm (4) 80 cm ( )

14. Nancy has $100. She has twice as much money as Belinda. How much money must she give to Belinda so that both of them have the same amount of money?

(1) $25 (2) $50
(3) $75 (4) $80 ( )

Section B (20 questions – 2 marks each)

Write the correct answer to each question in the spaces provided.

15. Write 40 812 in words.

Answer: _____

16. What is the value of 70 000 + 800 + 50?

Answer: _____

17. In 36 391, the digit 6 stands for 6 × _____.

Answer: _____

18. Fill in each box on the number line with a whole number or a mixed number in its simplest form.

19. Work out the missing number.

400 × 72 = 400 × 9 + 400 × _____

Answer: _____

20. Mr Tan bought a computer for $3994. Round this amount to the nearest $100.

Answer: $_____

21. Express $4\frac{2}{3}$ as an improper fraction.

Answer: _____

22. Find the value of $\frac{5}{6}$ of 24.

Answer: _____

23. Ben's height is 1 m 9 cm. Express his height in centimetres.

Answer: _____ cm

24. 40 pupils took a fitness test. 32 of them passed. What fraction of the pupils did not pass the test?

Answer: _____

25. Steven has $20. He uses $\frac{2}{5}$ of it to buy some food. How much money does he have left?

Answer: $ _____

The table below shows the transportation that the pupils in a clas take to come to school. There are 32 pupils in the class.
Use the table to answer questions 26 and 27.

Transportation	Number of pupils
Bus	9
Train	4
Car	?
Walk	12
Bicycle	1

26. How many pupils come to school by car?

Answer: _____

27. What fraction of the pupils walk to school?

Answer: _____

28. There are 120 pupils in the hall. The number of girls is 4 times the number of boys. How many more girls than boys are there?

Answer: _____

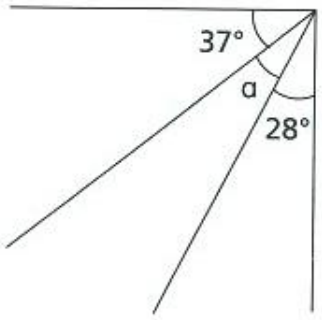
9. 1000 books are packed equally into 8 boxes. How many books are there in 3 boxes?

Answer: _____

30. At a supermarket, oranges were sold at 8 for $3. How many oranges can be bought with $18?

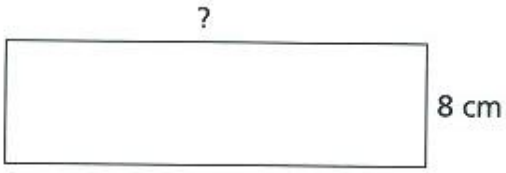
Answer: _____

31. If 37° + ∠a + 28° = 90°, find the value of ∠a.



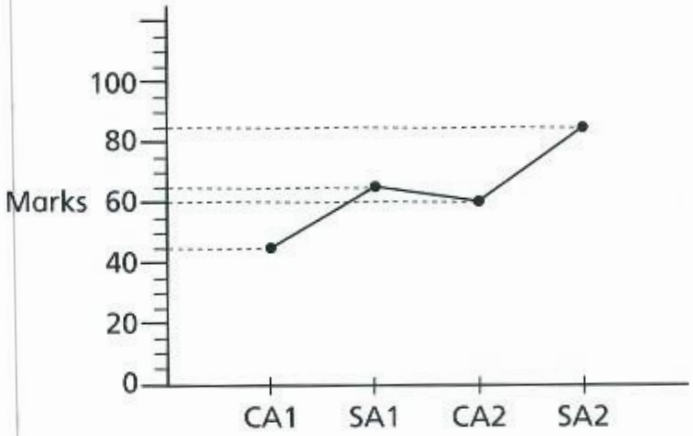
Answer: _____ °

32. The area of the rectangle shown is 232 cm². Find its length.



Answer: _____ cm

33. The line graph below shows Michael's Maths test results la: year.



(a) How many marks did Michael score for SA1?

Answer: _____

(b) How many more marks did Michael score for SA2 than for CA1?

Answer: _____

34. Using the line XY given below, draw an angle at point X which is 100° above the line.

X Y

Section C (8 questions – 4 marks each)
Write the correct answer to each question in the spaces provided.

35. Given that ☆ + 809 = 900

△ × 7 = 343

Find the value of ☆ + △.

Answer: _____

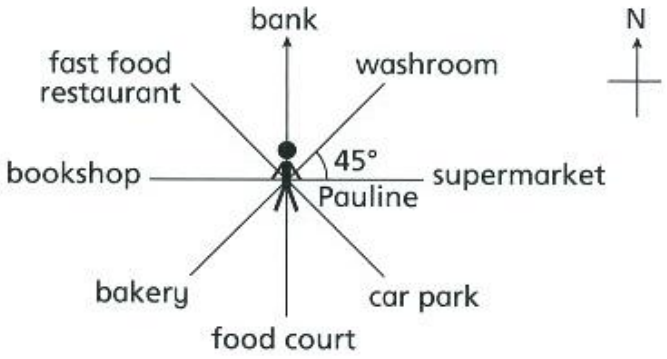
36. Lisa has 5 times as much money as Si Min. Si Min has $14 less than Veronica. They have $140 altogether. How much money does Veronica have?

Answer: _____

37. On a train, the number of men is $\frac{5}{7}$ of the number of women. There are 70 more women than men. Find the number of adults on the train.

Answer: _____

38. Pauline is in a shopping mall as shown in the diagram below.



(a) At first, she is facing the bank. What place is south-west of Pauline?

(b) She turns 90° in the anti-clockwise direction. Where is she facing now?

(c) She turns again in the clockwise direction and ends up facing the food court. At what angle does she turn?

Answer: (a) _____

(b) _____

(c) _____

9. Rachael gave $\frac{1}{4}$ of her sweets to Joey and $\frac{2}{3}$ of her sweets to Sebastian. She had 9 sweets left.
   (a) How many sweets did she have at first?
   (b) How many more sweets did she give to Sebastian than to Joey?

Answer: (a) _____

(b) _____

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40. Ms Tan gave 19 stickers to three pupils, Samantha, Sarah and Selvi. Samantha got 2 fewer stickers than Sarah. Selvi got 3 more stickers than Sarah.
   (a) How many more stickers did Selvi get than Samantha?
   (b) How many stickers did Sarah get?

Answer: (a) _____

(b) _____

41. A water tank contains 60 l of water when it is $\frac{3}{10}$ full.
(a) What is the capacity of the water tank?
(b) How much water are there in the water tank when it is $\frac{3}{4}$ full?

Answer: (a) _____

(b) _____

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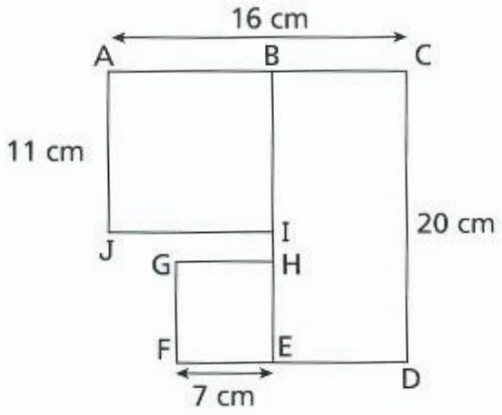
42. The figure is made up of two squares, ABIJ and EFGH and a rectangle BCDE.
(a) Find the length of DE.
(b) Find the length of HI.
(c) Find the area of the rectangle BCDE.



Answer: (a) _____

(b) _____

(c) _____