

Questions **1** to **10** carry 1 mark each. Questions **11** to **20** carry 2 marks each.
For each question, four options are given. One of them is the correct answer. Make
your choice and shade your answer (1, 2, 3 or 4) in the Optical Answer Sheet.

(30 marks)

1. What is the value of the digit 4 in the number 947 651?

- (1) 400
- (2) 4000
- (3) 40 000
- (4) 400 000

2. Which one of the following is the same as 75 801?

- (1) $7000 + 500 + 80 + 1$
- (2) $7000 + 500 + 800 + 1$
- (3) $70\ 000 + 5000 + 80 + 1$
- (4) $70\ 000 + 5000 + 800 + 1$

3. What is the missing number in the box?

$$9\frac{2}{3} = \frac{\boxed{}}{3}$$

- (1) 14
- (2) 16
- (3) 27
- (4) 29

4. Which of the following fractions is the smallest?

(1) $\frac{3}{5}$

(2) $\frac{3}{7}$

(3) $\frac{3}{4}$

(4) $\frac{3}{8}$

5. Which one of the following numbers is the smallest?

(1) 8.123

(2) 8.23

(3) 8.15

(4) 8.721

6. Find the value of $2 \div \frac{1}{4}$

(1) 7

(2) 8

(3) 9

(4) 10

7. Round off 48.97 to the nearest tenth.

(1) 48.0

(2) 48.9

(3) 50.0

(4) 50.97

8. Express 0.965 as a percentage.

- (1) 0.965%
- (2) 9.65%
- (3) 96.5%
- (4) 965%

9. In the number pattern below, what is the missing number in the box?

3.45, 3.75, , 4.35

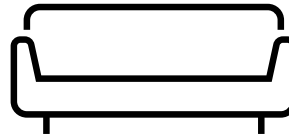
- (1) 3.78
- (2) 3.95
- (3) 4.05
- (4) 4.15

10. Express 0.75 as a fraction in the simplest form

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

11. Ken bought a sofa for \$600 at sale and was left with \$300. What percentage of his money did he spend?

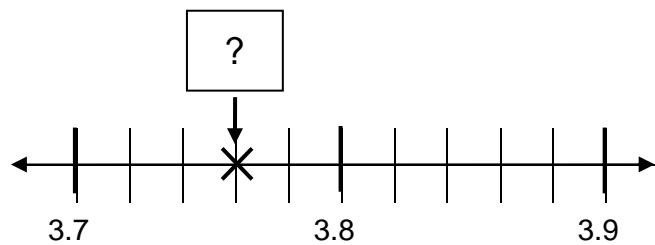
- (1) 25%
- (2) 50%
- (3) 60%
- (4) 70%



12. The area of a square is 64 cm^2 . What is its perimeter?

- (1) 24 cm
- (2) 32 cm
- (3) 36 cm
- (4) 40 cm

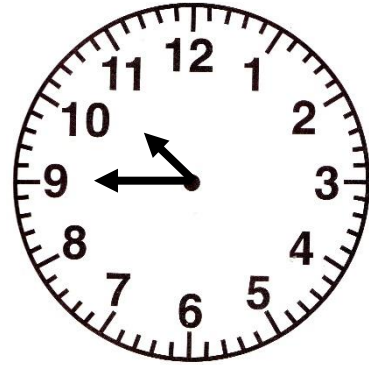
13. What is the missing decimal in the box?



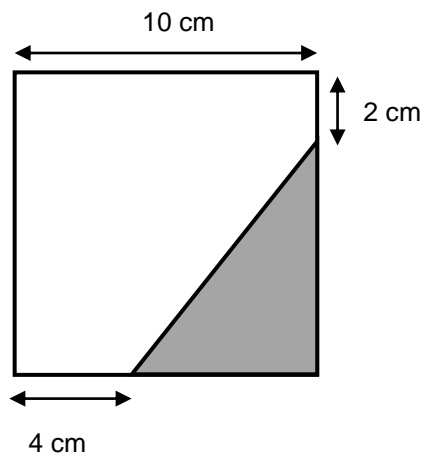
- (1) 3.86
- (2) 3.82
- (3) 3.76
- (4) 3.73

14. Mei Ling took 20 minutes to walk to the supermarket from her house. She left home at the time shown below. At what time did she arrive at the supermarket?

- (1) 10 55
- (2) 11 00
- (3) 11 05
- (4) 11 15



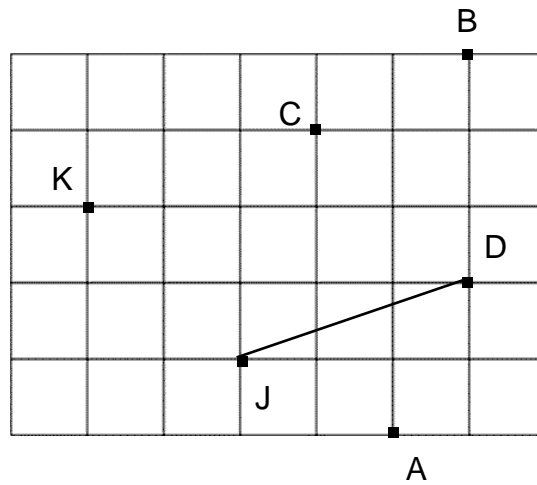
15. The square below is not drawn to scale. Find the area of the shaded triangle.



- (1) 12 cm²
- (2) 14 cm²
- (3) 16 cm²
- (4) 24 cm²

16. In the square grid below, which of the following lines, when drawn, is perpendicular to JD?

- (1) CK
- (2) AK
- (3) AC
- (4) AB



17. The table below shows the number of winners in each prize category. What is the total amount of money given to all the winners?

Number of Winners	Prize Category
10	\$4
8	\$15
6	\$110

- (1) \$820
- (2) \$800
- (3) \$760
- (4) \$119

18. Last year, Larry's mass was 30 kg. This year, his mass decreases by 10%. What is his mass this year?

- (1) 25 kg
- (2) 26 kg
- (3) 27 kg
- (4) 28 kg

19. Mary was given \$210. She spent $\frac{1}{7}$ of it on clothes and $\frac{1}{2}$ on food. How much money did she have left?

- (1) \$25
- (2) \$50
- (3) \$75
- (4) \$100

20. Apples are sold at \$3 for every 100g. Mrs Chan bought 0.7 kg of apples. How much did she pay?

- (1) \$3
- (2) \$15
- (3) \$21
- (4) \$25

Questions **21** to **30** carry 2 mark each. Show your working clearly and write your answers in the spaces provided. For questions that require units, give your answers in the units stated

(20 marks)

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21. Find the value of
(a) $812 - 250$
(b) 7.6×5

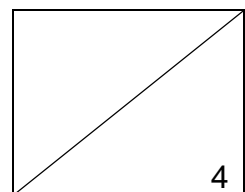
Ans: (a) _____

Ans: (b) _____

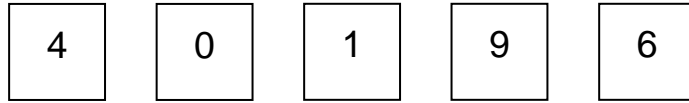
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22. (a) Write eight thousand and ninety in numerals.
(b) Find the value of $225 - (32 - 7) \times 3$.

Ans: (a) _____

Ans: (b) _____



23. Use the digits below to form the smallest 5-digit even number. Each digit can only be used once.

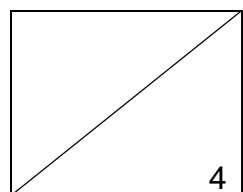


Ans: _____

24. What is the value of $\frac{3}{5} + \frac{7}{10}$?

Give your answer as a mixed number in the simplest form.

Ans: _____

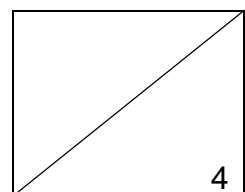


25. A television cost \$108 more than a lamp. If I paid a total of \$288 for the television and the lamp. How much did the lamp cost?

Ans: _____

26. Karen collected some empty cans. She gave away 48 of them for recycling and had $\frac{4}{7}$ of them left. How many cans did Karen collect?

Ans: _____



27. Express the followings into decimal

(a) $\frac{16}{5}$

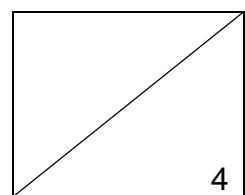
(b) 158%

Ans: (a) _____

Ans: (b) _____

28. 320 people attended this year's National Day celebrations at the Padang. 30% of them were children. How many adults were there?

Ans: _____



29. Siti loves kite flying. After school, she spent 45 min at the park to fly her kite and left at 3.35 p.m. At what time did he arrive at the park?

Ans: _____

30. Bob weighed 78.6 kg last year. His mass is 69.2 kg now. How much weight did he lose? Give your answer in grams.

Ans: _____ g

