



Singa Math Assessment Test 2022

For Grades 1/2

Time: 45 minutes

NAME:

GRADE:

COUNTRY:

INSTRUCTIONS

1. Please **DO NOT OPEN** the contest booklet until the Proctor has given permission.
2. There are 25 questions.
Section A: Questions 1 to 20 score 2 marks each, no points are deducted for unanswered or wrong answer.
Section B: Questions 21 to 25 score 2 marks each, no points are deducted for unanswered or wrong answer.
3. Shade your answers neatly using a 2B pencil in the Answer Entry Sheet.
4. **PROCTORING:** No one may help any student in any way during the contest.
5. No electronic devices capable of storing and displaying visual information is allowed during the course of the exam. Strictly **No Calculators** are allowed into the exam.
6. Students must show detailed working and transfer answers to the Answer Entry Sheet.
7. **No exam papers and written notes can be taken out by any contestant.**

Section A: 20 Multiple Choice Questions (20 x 2 marks = 40 marks)

For questions 1 to 20, choose the correct option and write its number (1, 2, 3 or 4) in the brackets provided. Then shade your option in the Answer Entry Sheet (AES) provided.

1. 7 hundreds 18 tens 9 ones is the same as _____.
 - (1) 727
 - (2) 799
 - (3) 889
 - (4) 7189

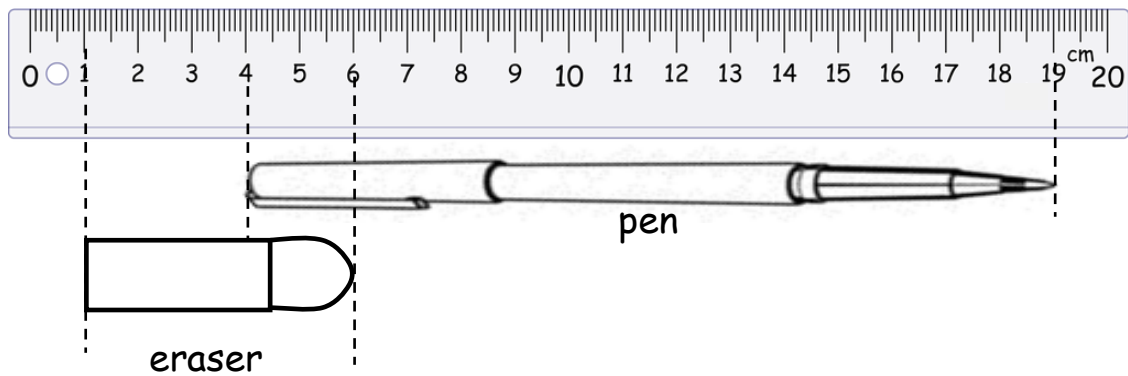
2. Miss Leong bought 60 lollipops. She had 8 students in her class. She gave 2 lollipops to the youngest student, 3 lollipops to the next student, 4 lollipops to the next student and so on. How many lollipops did she have left?
 - (1) 16
 - (2) 25
 - (3) 35
 - (4) 44

3. Samantha received 3 stickers for every 4 questions answered correctly. How many questions did she answer correctly if she received 24 stickers?
 - (1) 6
 - (2) 8
 - (3) 18
 - (4) 32

4. Mr Kwok forms 5 groups of pupils for a performance. There are 2 boys and 7 girls in each group. If 1 more boy joins every group, how many fewer boys than girls are there?

- (1) 15
- (2) 20
- (3) 25
- (4) 30

5. Look at the picture below.



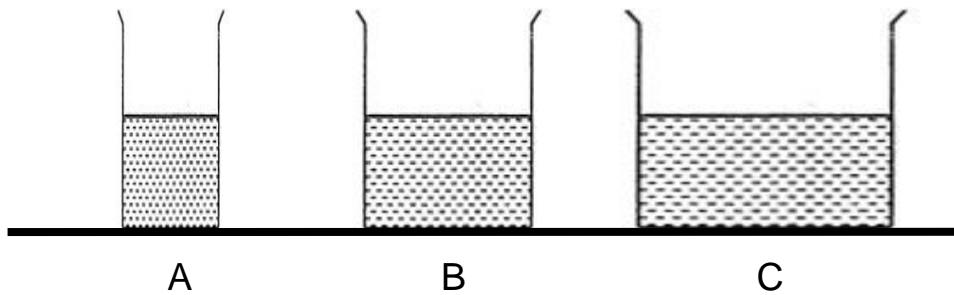
What is the total length of the pen and the eraser?

- (1) 25 cm
- (2) 21 cm
- (3) 20 cm
- (4) 18 cm

6. Mdm Siti had some cherries. She ate 265 g of cherries. She bought another 388 g of cherries. In the end, she had 500 g of cherries left. How much cherries did Mdm Siti have at first?

- (1) 377 g
- (2) 487 g
- (3) 623 g
- (4) 1153 g

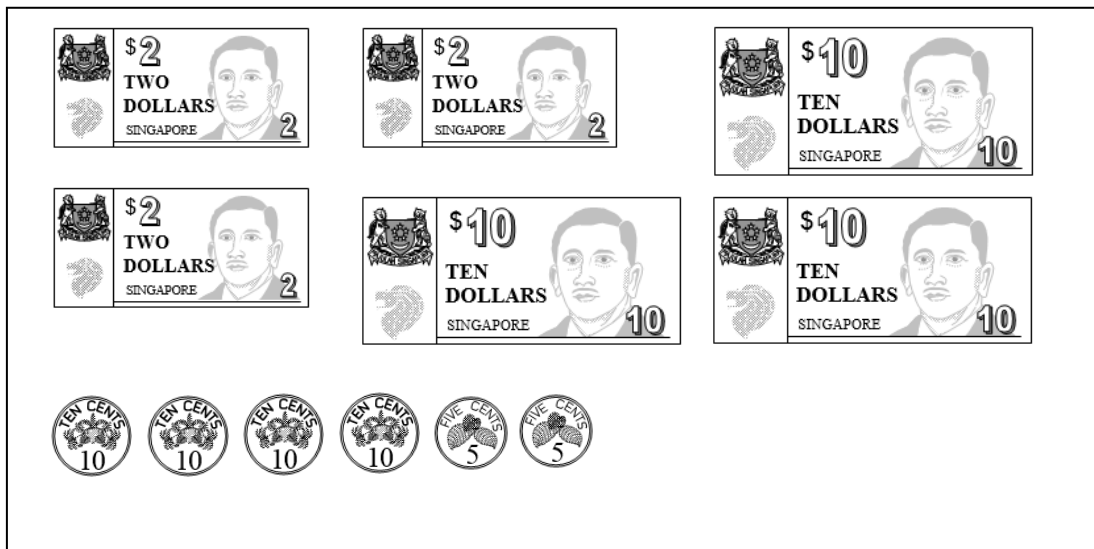
7. Look at the containers of water below.



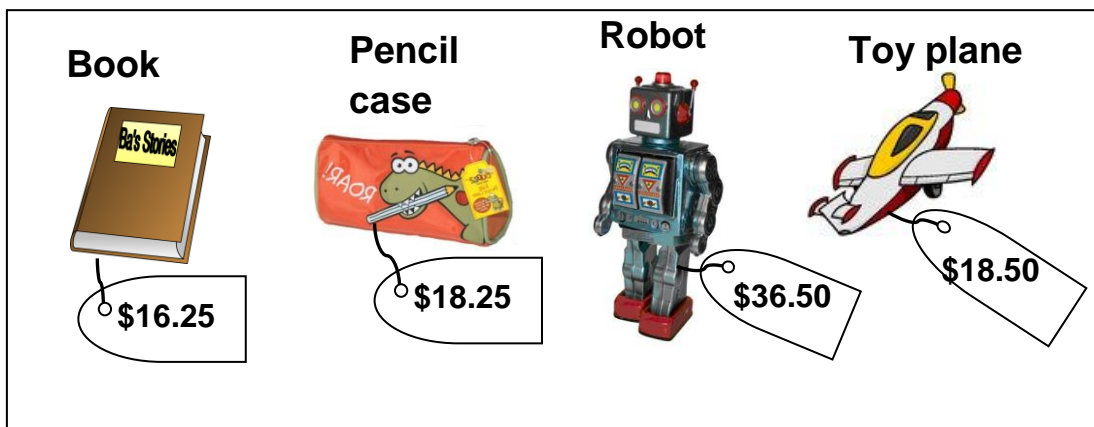
Which of the following statements is correct about the amounts of water in the three containers shown above?

- (1) Container A contains more water than Container B.
- (2) Container B has the least amount of water.
- (3) Container C contains more water than Container A.
- (4) All the containers have the same amount of water.

8. Susan bought two identical items with the amount of money shown below.

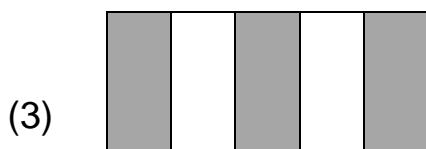
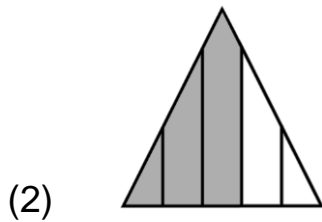
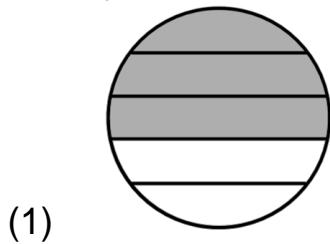


Which two items did she buy?

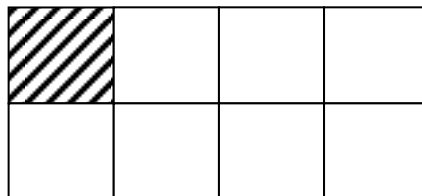


- (1) Book
- (2) Pencil case
- (3) Robot
- (4) Toy plane

9. Which of the following figures is $\frac{2}{5}$ unshaded?

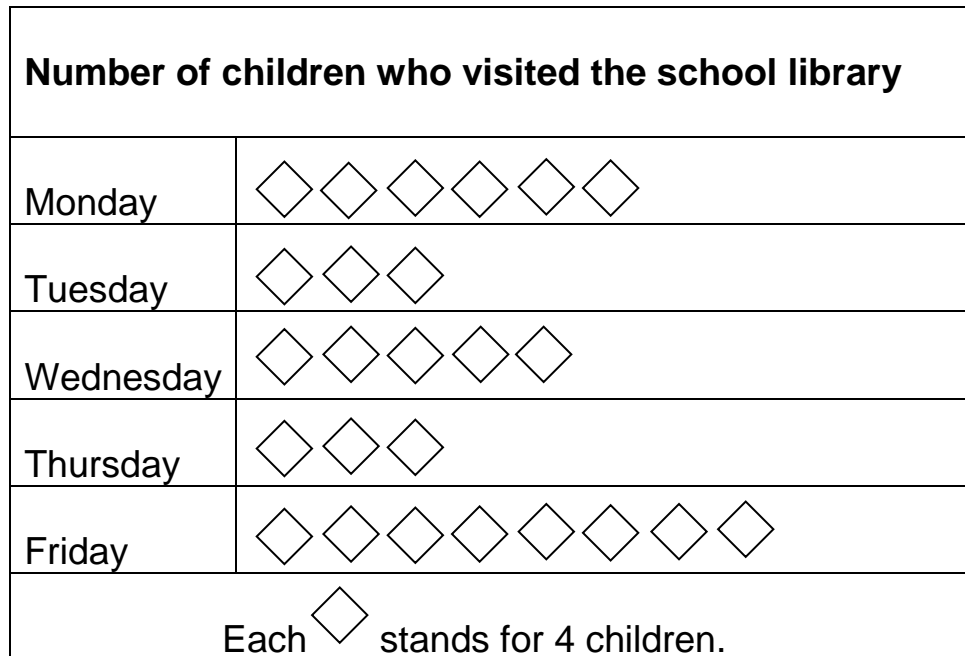


10. In the figure below, one part of it is already shaded. How many more parts of the figure must be shaded so that $\frac{3}{8}$ of it is unshaded?



- (1) 5
 (2) 2
 (3) 3
 (4) 4

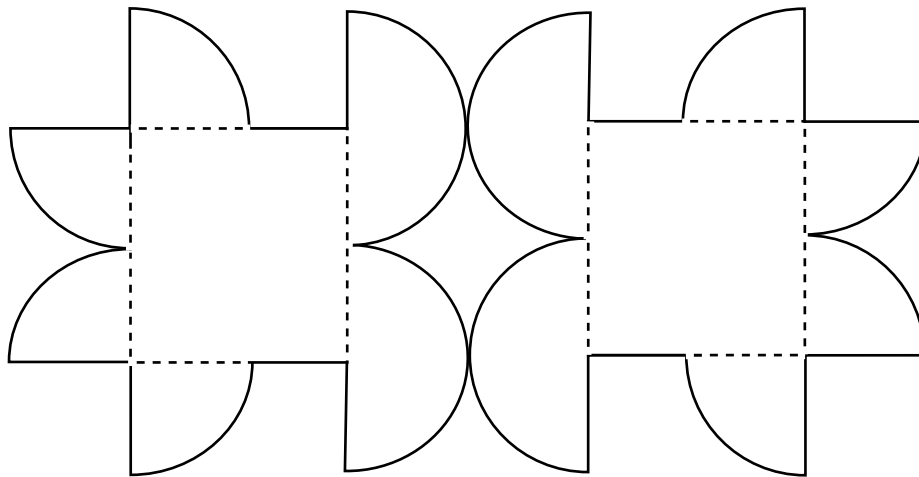
11. The picture graph shows the number of children who visited the school library from Monday to Friday. Study the graph and answer the question below.



A total of 58 boys visited the library from Monday to Friday. How many more boys than girls visited the library on these five days?

- (1) 6
- (2) 16
- (3) 42
- (4) 100

12. Look at the figure below carefully.



How many circles can you make from all the semicircles and quarter circles in the figure?

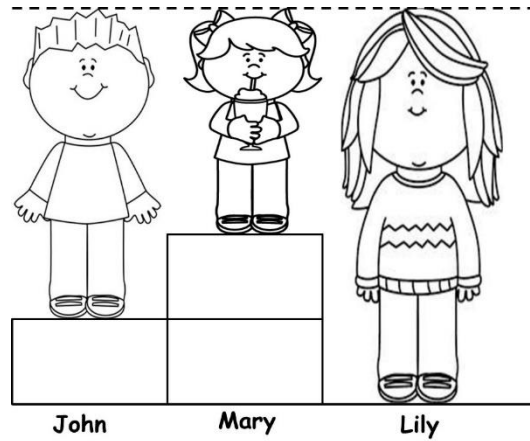
- (1) 6
- (2) 8
- (3) 12
- (4) 4

13. The following are the descriptions of two solids. What are the names of these two solids?

<u>Solid A</u>	<u>Solid B</u>
3-D shape with 6 flat faces Some faces are of different sizes	3-D shape with 2 flat faces and a curved surface

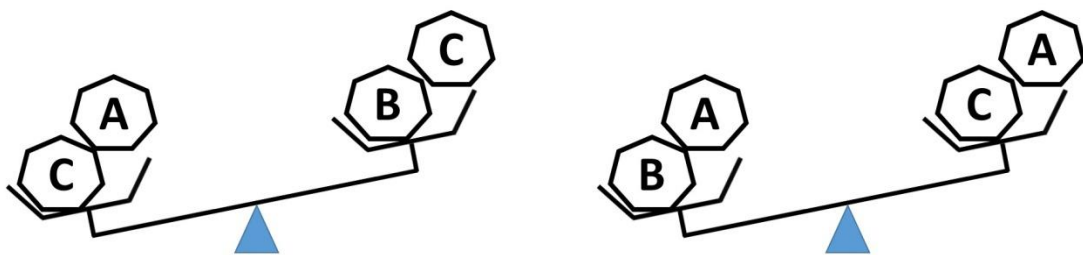
- | <u>Solid A</u> | <u>Solid B</u> |
|----------------|----------------|
| (1) Rectangle | Cylinder |
| (2) Cuboid | Cylinder |
| (3) Cube | Cone |
| (4) Square | Cone |

14. John is 136 cm tall and Mary is 118 cm tall. When John and Mary stand on the boxes, they are as tall as Lily. All the boxes have the same height. What is the total height of John and Lily?



- (1) 290 cm
- (2) 308 cm
- (3) 408 cm
- (4) 462 cm

15. Study the balance scales below and arrange objects A, B and C in order of increasing mass.

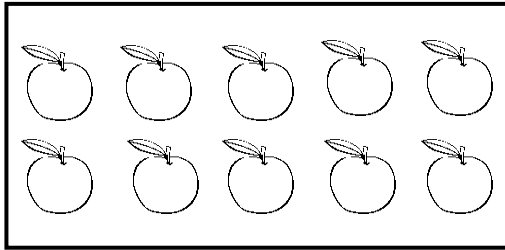


- | | Lightest | | Heaviest |
|-----|----------|----|----------|
| (1) | C, | B, | A |
| (2) | A, | B, | C |
| (3) | B, | C, | A |
| (4) | B, | A, | C |

16. Kenneth left his house to post a letter at the Post Office. He took 20 minutes to reach the Post Office. He took 50 minutes to get home as he went to buy some bread from a supermarket. When he reached home, it was 4.15 p.m. What time did he leave his house?

- (1) 2.45 p.m.
- (2) 3.05 p.m.
- (3) 3.25 p.m.
- (4) 3.55 p.m.

17. For every 10 apples bought, 2 free apples were given.



Mrs Lee bought some boxes of apples and got 8 free apples.

How many apples did she have altogether?

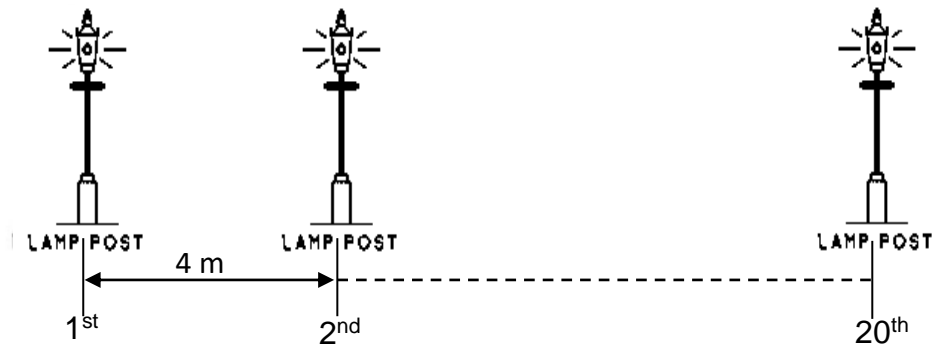
- (1) 20
- (2) 40
- (3) 48
- (4) 60

18. Study the pattern below. Which Set does number 238 belong to?

Set P	Set Q	Set R	Set S
1	4	7	10
22	19	16	13
25	28	31	34
46	43	40	37

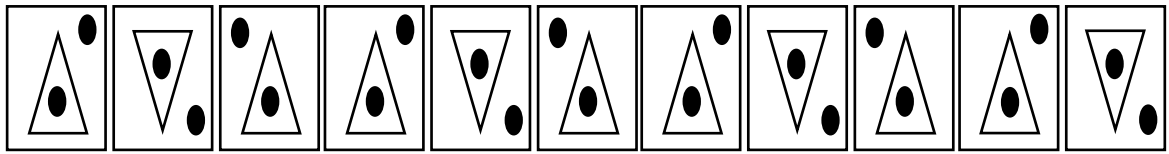
- (1) Set P
- (2) Set Q
- (3) Set R
- (4) Set S

19. There are 20 lamp posts placed at an equal distance apart from each other. The distance between the 1st and the 2nd lamp post is 4 m. What is the distance between the 1st and the 20th lamp posts?

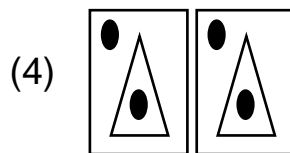
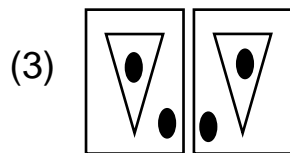
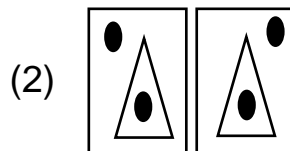
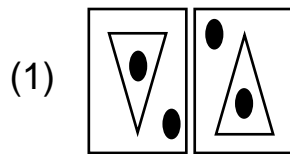


- (1) 72 m
- (2) 76 m
- (3) 80 m
- (4) 84 m

20. Study the pattern.



Which one of the following pair of patterns follows the last picture?



Section B: 5 Open-ended Questions (5 x 2 marks = 10 marks)

Read the questions carefully. For questions 21 to 25, show your working clearly and write your answers in the blank provided. Then write and shade your answer in the Answer Entry Sheet (AES) sheet provided.

21. In a library, the number of square tables is twice the number of round tables. Each round table can seat 5 children while each square table can seat 4 children. A total of 65 children are seated. There is no empty seat at any of the table. How many square tables are there?



Answer: _____ square tables

22. Chairs are arranged in rows in a class. The number of chairs in each row is the same. John is seated in the fifth row. There are 4 pupils on his left and 2 pupils on his right. There are another 3 rows of chairs behind John. How many chairs are there in the class altogether?

Answer: _____

23. Look at the number below.

12

This number has digit '1' in the tens place and digit '2' in the ones place.
How many such 2-digit numbers are there with the digit in the tens place smaller than the digit in the ones place?
(include number '12' in your answer)

Answer: _____

24. Joseph used a calculator to find the answer for



$$218 + 56 + 37 + 29$$

The answer shown on the calculator was 290. However, his friend pointed out that the answer was incorrect because one of the number buttons was not working. Which number button on the calculator was not working?

Answer: _____

25. Geraldine wants to cut a 60 cm long ribbon into equal lengths of 5 cm. If she takes 4 seconds to make 1 cut, how long in seconds will she take to complete her task?

Answer: _____ s

