

PRIMARY 1

NAME OF PARTICIPANT: _____ **DATE:** _____
SCHOOL NAME: _____

GENERAL INSTRUCTIONS:

1. Do not open the booklet until you are told to do so.
2. You are given 90 minutes to attempt all 25 questions.
3. Ensure to enter the necessary information asked in the Answer Sheet such as your name, participant number, country, and year level.
4. Record your answers neatly on the Answer Sheet provided.
5. Marks are awarded for correct answers only. There is no penalty for incorrect answers.
6. Calculators are not allowed.
7. All figures are not drawn to scale. They are intended only as aids.
8. Start answering when the proctor gives the signal.

Part 1 (Questions 1 to 10):

There are 10 multiple-choice questions. Choose the best answer from the four possible choices

Each question carries 2 marks

Part 2 (Questions 11 to 25):

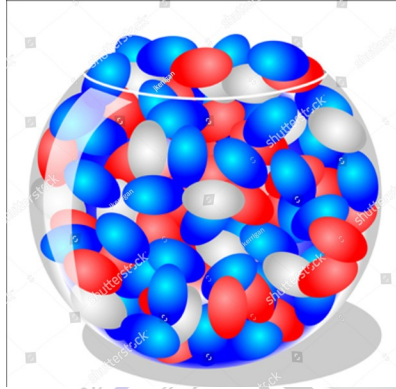
There are 20 open-ended questions, each requiring a single answer. Write your answer on the box provided in the Answer Sheet

Questions 11 to 20, each carries 3 marks

Questions 21 to 25, each carries 5 marks

Part 1: 1st to 10th Multiple-choice Questions

1. There are red and blue jellybeans in a jar. There are 6 more blue jellybeans than red jellybeans in the same jar. If there are 25 red jellybeans, how many jellybeans are there in all?



- (a) 31 (b) 50 (c) 56 (d) 60
2. What symbol must be put inside the box to make the comparison correct?

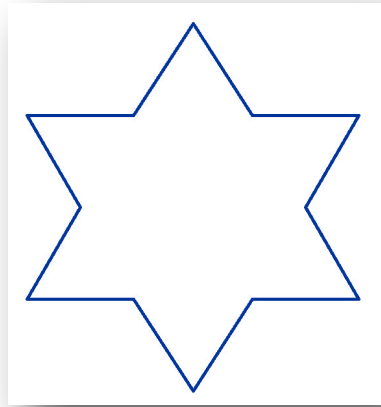
$$(34 + 12) \square (50 - 4)$$

- (a) = (b) < (c) > (d) /
3. Baron goes to the local pet store to choose a new pet. They have the following pets to choose from: 7 dogs, 13 cats, 31 hamsters, and 18 fishes. How many ways are there of choosing a hamster or a dog?



- (a) 7 (b) 24 (c) 31 (d) 38

4. At most, how many line of symmetry can you draw through a regular 6-pointed star?



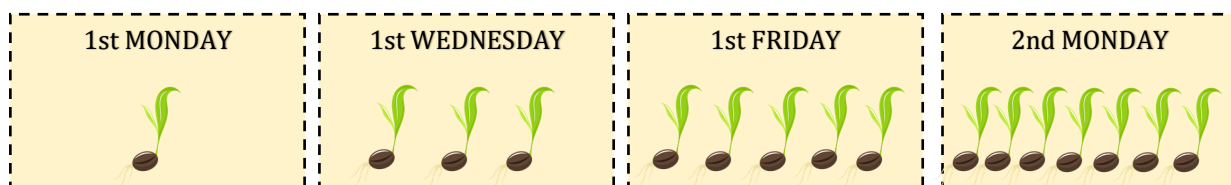
- (a) 3 (b) 4 (c) 6 (d) 12

5. Janna plans to decorate her room with balloons according to a pattern of 4 red balloons, 2 green balloons and 1 blue balloon. What colour is the 20th balloon?

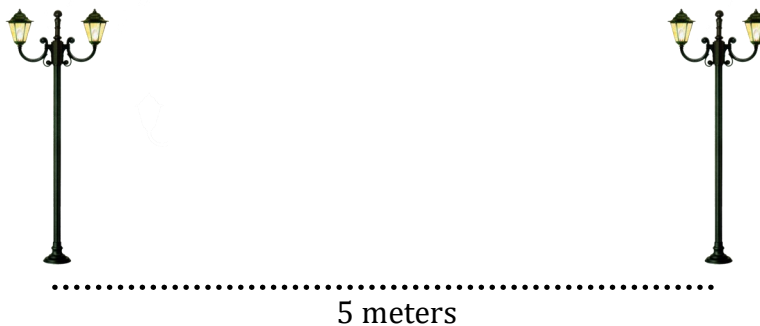


- (a) red (b) green (c) blue (d) white
6. Bella plants a number of flower seeds three days each week. She plants 1 seed on Monday, 3 seeds on Wednesdays, and 5 seeds on Friday, then continues again on the next Monday by planting 7 seeds. Following her schedule and pattern, how many seeds would she be planting on the 3rd Wednesday?

- (a) 9 (b) 11 (c) 13 (d) 15



7. Jose counted the number of equally distanced lamp posts along one side of their street. The distance between two adjacent lamp posts is 5 meters. How many lamp post did Jose counted if the street is 45 meters long and there are lamp posts at the two ends of it?



- (a) 9 (b) 10 (c) 11 (d) 12
8. Points A, B, C, D and E lie on the same line and in the same order. The distance from point A to point B is 3 meters, the distance from point B to point C is 4 meters, and the distance from point D to point E is 7 meters. If the distance from point A to point E is 20 meters, what is the distance from point B to point D? (the figure below is not drawn to scale)



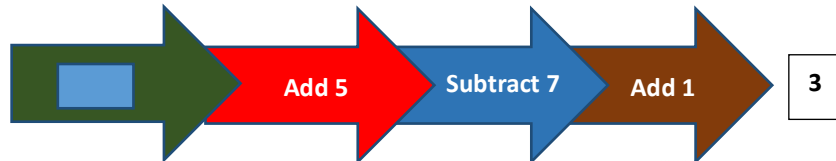
- (a) 6 (b) 7 (c) 10 (d) 11
9. How many digits are needed to write down all numbers from 8 to 45?
- (a) 72 (b) 73 (c) 74 (d) 75
10. A dance class has 4 boys and 4 girls. How many ways can the teacher choose a group consisting of 2 boys and 1 girl to demonstrate the dance?



- (a) 16 (b) 20 (c) 24 (d) 48

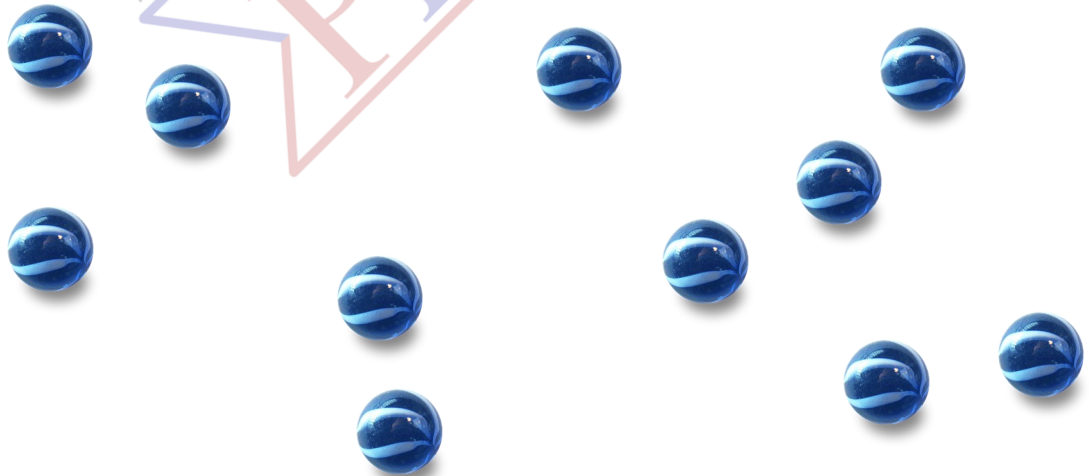
Part 2: 11th to 25th Open-ended Questions

11. What number should be put in the ?



12. Determine the value of 4 tens + 2 ones + 3 tens?

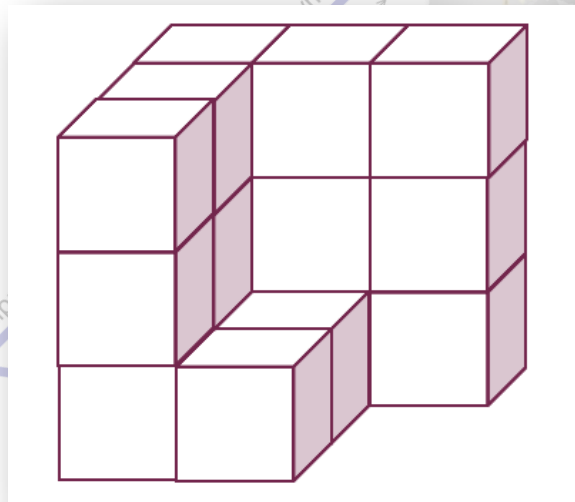
13. Roy wants to divide 11 marbles into to 2 groups such that Group 1 has an odd number of marbles while Group 2 has an even number of marbles. What is greatest number of marbles that can be put in Group 1 if no group should be empty?





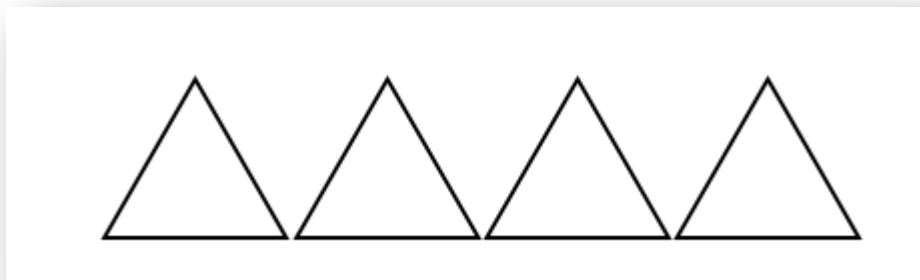
14. Today is August 15, 2020. What is the date exactly 1 week ago?



15. At least how many small cubes are added to make the figure below a bigger cube?



16. How many different geometric figures can you formed by joining 4 identical equilateral triangles side by side? Note that the sides must be joined completely like this  not like this 

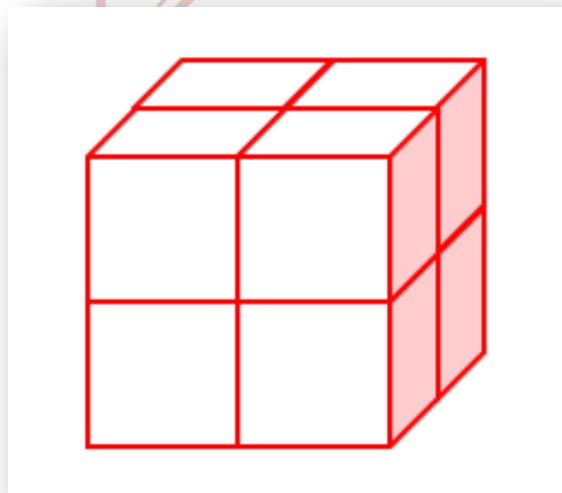


17. The 4 ingredients below are used to make a banana bread for exactly four people.

Ingredients	
Cake mix	2 boxes
Eggs	6
Ripe bananas	4 pieces
Vegetable oil	1/2 cup

If Anna wants to make banana bread for 12 people, how many eggs should she use?

18. The figure below is a 2 by 2 by 2 cube. How many different cubes are there?



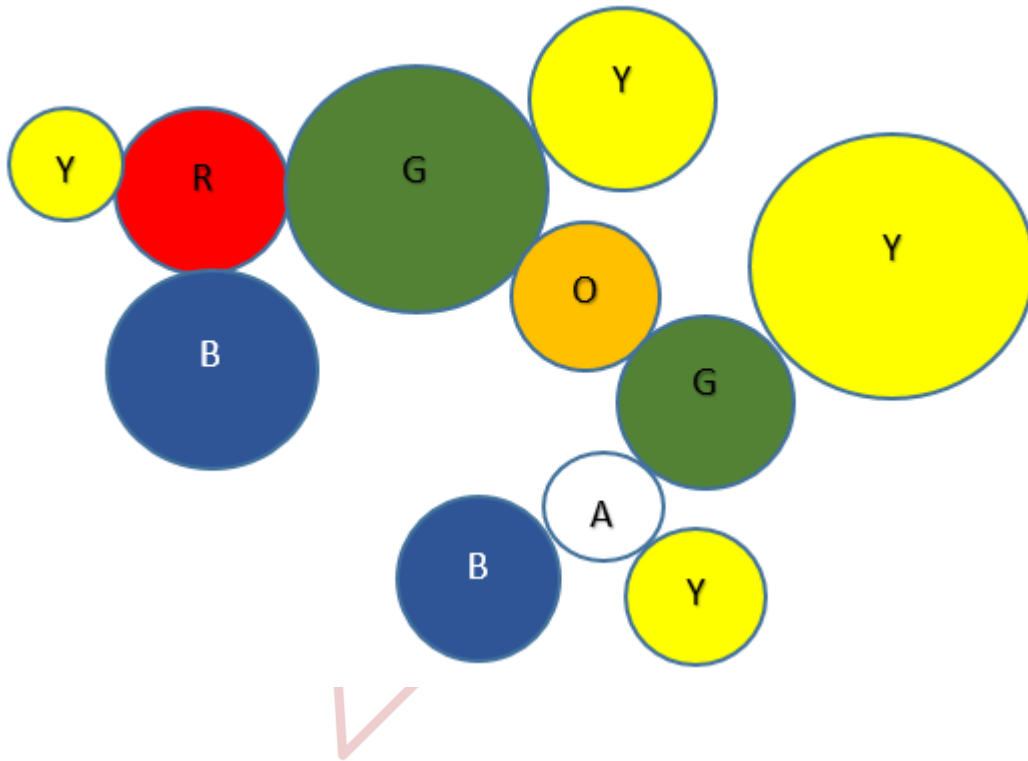
19. How many 2-digit numbers are there such that the sum of its digit is 7?

20. Write the following addition fact into a multiplication fact.

$$3 + 3 + 3 + 3 + 3 = 15$$

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

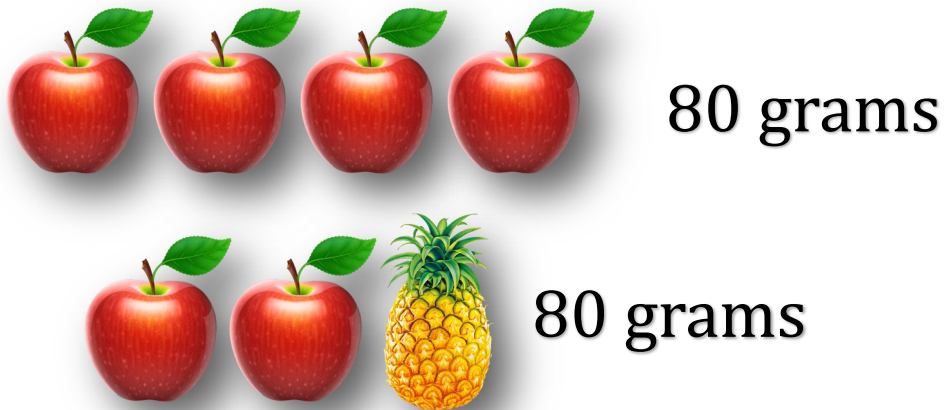
21. What letter should replace A?







22. The baby is 30 weeks old. How old is the baby in months? Assume that there are 30 days in a month.



23. Four apples weigh 80 grams. Two apples and one pineapple weigh 80 grams. What is the weight of one pineapple?



24. One-half of Anton's age this year plus one-half of his age two years ago is 9. How old is Anton this year?
25. Carl sells different kind of cheese in the town market. Below is a pictograph of Carl's sales record. Each cheese in the pictograph weighs 2 kilograms.

TYPE OF CHEESE	NUMBER OF CHEESE SOLD
Goat Cheese	
Cheddar	
Blue Cheese	
Mozzarella	

What is the difference between the total weight of the Mozzarella sold and the total weight of the Goat cheese sold?