



Spirit of Math.

Releasing the Genius®

GRADE 1

Spirit of Math International Contest 2023

INSTRUCTIONS

1

You have 30 minutes to write the contest.

2

The contest is multiple-choice with four choices for each question.

3

Write the CAPITAL letter of the answer you choose on the line to the right of each question and fill in the corresponding circle on the SoM Answer Sheet.

4

Each question answered correctly is worth one mark, and the sum of the correct answers is the score.

5

Marks are not taken off for wrong answers.

6

No calculators or other counting tools are allowed.

Student Name:

Score: /20



1) $2 + 8 + 4 + 6 = ?$

- A) 5 B) 10 C) 20 D) 40 _____

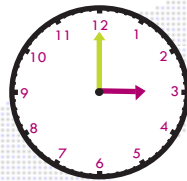
2) If today is Thursday, what day was yesterday?

- A) Tuesday B) Wednesday C) Friday D) Saturday _____

3) Max picked 13 flowers and gave 3 to his mom. How many flowers does he have left?

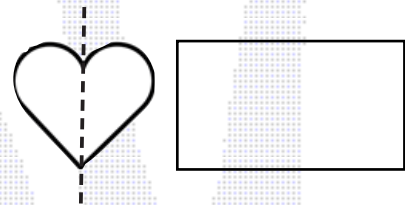
- A) 3 B) 10 C) 13 D) 16 _____

4) What time is shown on the clock?



- A) 1:00 B) 2:00 C) 3:00 D) 12:00 _____


5) The image on the right shows a line of symmetry on a heart shape: if you fold along the dotted line, the two sides will match. How many lines of symmetry does the rectangle have?



- A) 2 B) 3 C) 4 D) 5 _____

Space for rough work



- 6) $2 + 2 + 2 + 2 + 2$ is the same as
A) $2 - 2$ B) $2 + 5$ C) $5 + 5$ D) $5 - 5$ _____
- 7) Xavier is 12 years old. His brother, Carl, is half as old as he is. How old is Carl?
A) 6 B) 7 C) 8 D) 9 _____
- 8) What is the next number in the sequence? 9, 12, 15, 18, _____
A) 20 B) 21 C) 22 D) 23 _____
- 9) Felix is learning to make sushi and wants to cut enough pieces to share with his friends. If he needs 8 sushi pieces, how many parallel cuts should he make?
Remember: Parallel cuts never cross. 
- A) 6 B) 7 C) 8 D) 9 _____
- 10) Twenty people in Bram's family are having dinner at a pizza and pasta restaurant. If 15 people ordered pizza, 11 people ordered pasta, and some people ordered both a pasta and pizza, how many people ordered both?
A) 6 B) 11 C) 20 D) 26 _____
- 11) Fourteen students went to the zoo. All but 9 of them saw the pandas. How many students did **not** see the pandas?
A) 5 B) 9 C) 14 D) 23 _____

Space for rough work

12) Tanya has a toy train and a toy boat. One of them is not the boat. What is the other one?

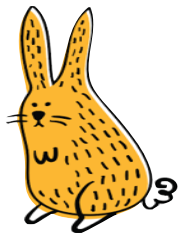


- A) The car B) The bike C) The boat D) The train _____

13) Mrs. Baker is selling cupcakes and is packaging them in boxes that hold 6 cupcakes each. If Mrs. Baker made 20 cupcakes, how many **full** boxes can she make?

- A) 2 B) 3 C) 4 D) 5 _____

14) The picture below shows the birthdays of four rabbits born in the same year. What is the order of rabbits from youngest to oldest?



Buster
January 14



Peter
June 8



Roger
January 5



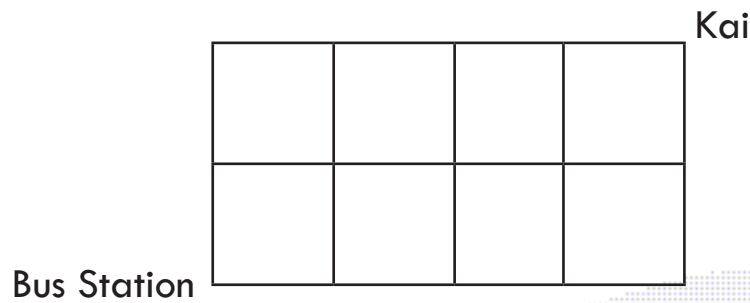
Bugs
August 23

- A) Roger, Buster, Peter, Bugs B) Peter, Bugs, Buster, Roger C) Bugs, Peter, Buster, Roger D) Peter, Bugs, Roger, Buster _____

Space for rough work



- 15) Samir's school trip to the farm is a day before 7 days after 2 days before October 12th. When is his school trip?
 A) October 10 B) October 16 C) October 17 D) October 22 ___
- 16) Kai wants to go to the bus station. If he only travels south (down) and west (left), how many different paths are there to the bus station?



- A) 8 B) 10 C) 13 D) 15 ___
- 17) I have a three-digit passcode to unlock my phone. The first and last digits are prime numbers that have a sum of fourteen. The middle digit is double two. What is the three-digit passcode?
Remember: A prime number is only divisible by 1 and itself.
 A) 549 B) 727 C) 747 D) 945 ___

Space for rough work

18) Sullivan has collected one sticker in January, two in February, three in March and so on until September. How many stickers did he collect altogether?

- A) 32 B) 40 C) 45 D) 90 _____

19) Bryant has a stack of three blocks. They are all different colours: blue, yellow, and purple. The blue block is above the yellow block. The yellow block is above the purple block. Which block is at the bottom?

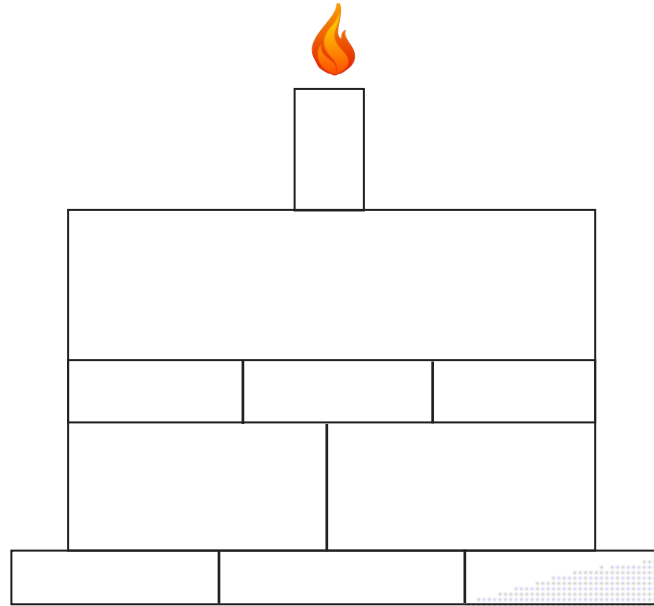
What is the first question you need to ask yourself when solving this question?

A) How many blocks are there?	C) Which block is the smallest?
B) What is the order of the blocks?	D) Which block is at the bottom?

Space for rough work



20) How many rectangles of all sizes are there in the diagram below?



A) 19


B) 20

C) 21

D) 23

Space for rough work





To promote co-operation, inspire
confidence and
Release the Genius®
in every child.

For more information, please visit:
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