



Spirit of Math.

Releasing the Genius®

GRADE 3

International Spirit of Math Contest 2025

INSTRUCTIONS

1

You have **45 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: /30



1) $4 + 11 + 2 + 9 + 6 + 8 = ?$
 A) 40 B) 50 C) 60 D) 70 _____

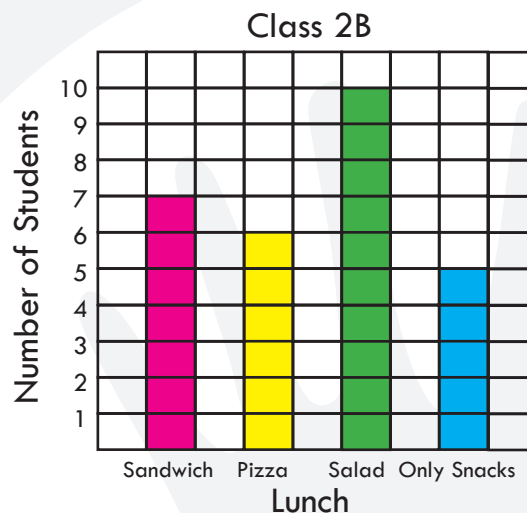
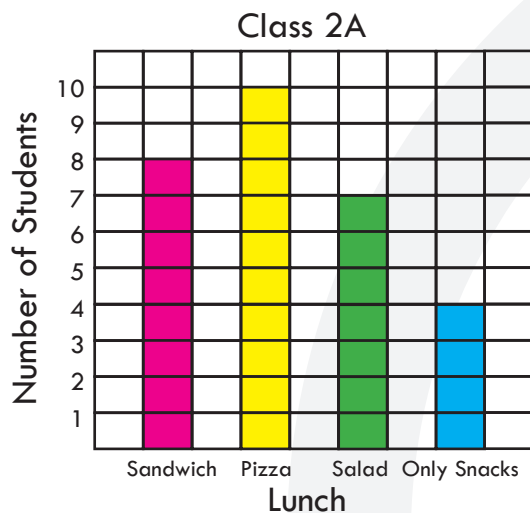
2) Hyunbin wants to buy a book that costs \$6. If he pays with a 10 dollar bill, how much would he get back in change?
 A) \$3 B) \$4 C) \$6 D) \$10 _____

3) Which number below is not a perfect square?
 A) 25 B) 36 C) 49 D) 63 _____

4) Jessamine wants to bake cookies for every student in her school. If there are three classes with 12 students each at her school, how many cookies does she need to bake?
 A) 30 B) 32 C) 34 D) 36 _____



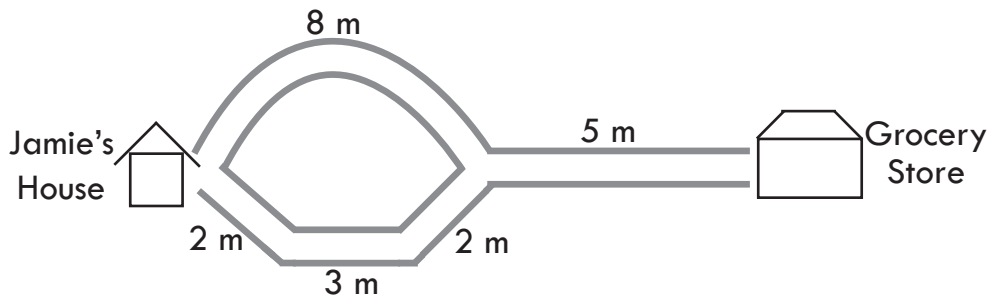
5) Richard asked students in Class 2A and 2B what they were eating for lunch. What is the total number of students who ate sandwiches across both classes?



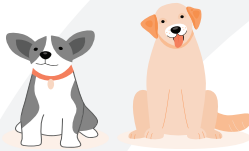
A) 8 B) 15 C) 17 D) 18 _____

Space for rough work

- 6) Every weekend, Jamie walks from his house to the grocery store. As demonstrated in the diagram below, there are two different paths that he likes to take. What is the length of the shortest path?



- A) 7 m B) 8 m C) 12 m D) 13 m _____
- 7) Which fraction is the least?
- A) $\frac{1}{6}$ B) $\frac{1}{7}$ C) $\frac{2}{6}$ D) $\frac{2}{7}$ _____
- 8) Seventeen students went to the park. All but 5 of them saw the dogs. How many students did not see the dogs?
- A) 5 B) 12 C) 17 D) 22 _____



- 9) Rose plays two different instruments: the piano and the violin. She starts playing the one that is not the violin. What is the other one?
- A) The flute B) The piano C) The violin D) The viola _____
- 10) Alice, Brent, and Catherine are painting a mural together. Alice brought 8 different paint colours, Brent brought 21, and Catherine brought 13. What is the average number of paint colours brought by them?
- A) 14 B) 15 C) 21 D) 42 _____



Space for rough work

11) Dhruv rounded 6 to the nearest ten before subtracting it from 50. What was his final answer?

- A) 30 B) 35 C) 40 D) 45 _____

12) Easter eggs are sold in packages of 6. How many packages do I need to buy to get 28 eggs?



- A) 5 B) 6 C) 7 D) 30 _____

13) How many ways can you arrange the letters in the word SUM including the way that spells SUM?

- A) 6 B) 7 C) 8 D) 9 _____

14) Angelina cooked one dozen cookies for her friends. One-third of the cookies were overcooked. How many cookies were overcooked?



- A) 2 B) 3 C) 4 D) 8 _____

15) $5! + 3! = ?$ (Hint: $4! = 4 \times 3 \times 2 \times 1$)

- A) 80 B) 120 C) 126 D) 720 _____

16) How many prime numbers less than 100 have the digit 3?

- A) 6 B) 7 C) 8 D) 9 _____

17) What 2-digit number between 1 and 20 has factors of 2, 3 and 9?

- A) 12 B) 16 C) 18 D) 20 _____

18) Jimmy is 4 years older than Jerry. Next year Jerry will be 16 years old. How old is Jimmy now?

- A) 20 B) 19 C) 17 D) 14 _____

Space for rough work

19) Which of the following is equal to 200?

- A) $2 \times 5 \times 5$ B) $2 \times 2 \times 5 \times 5$ C) $2 \times 2 \times 2 \times 5 \times 5$ D) $2 \times 2 \times 5 \times 5 \times 5$ _____

20) A palindrome is a number or word that can be read the same forwards and backwards such as 2552 or MOM. What is the sum of the largest two-digit palindrome and the smallest four-digit palindrome?

- A) 200 B) 1100 C) 1210 D) 10010 _____

21) Xiumin is participating in a treasure hunt. If he starts at the red X, which of the following options represents a pathway that will allow him to pick up all three stars?

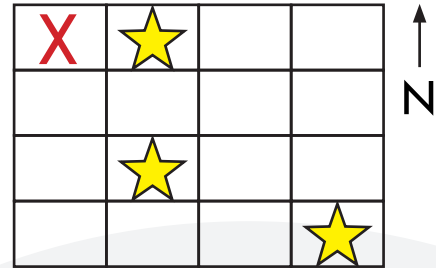
N = move one space north

S = move one space south

E = move one space east

W = move one space west

* = pick up a star



- A) ESSSEES B) E*SSS*EE* C) W*SS*SW* D) E*SS*SEE* _____

22) The average of four numbers is 10, if three of the numbers are 8, 6 and 12, what is the other one?

- A) 10 B) 12 C) 14 D) 16 _____

23) Jiwon writes her birthday using a secret code: ACCA-BB-CB. What is Jiwon's birthday?

- A) 2002-10-11 B) 2002-11-01 C) 2003-11-01 D) 2003-11-21 _____

Space for rough work

- 24) Devina has a garden full of flowers in her backyard. There are nine flowers with pink petals, thirteen flowers with blue petals, two flowers with both pink and blue petals, and five flowers with neither pink nor blue petals. How many flowers are in Devina's garden?



A) 18 B) 20 C) 22 D) 25 _____

- 25) Lesley started reading her book at the top of page 22 and finished at the top of page 40. How many pages did she read?

A) 16 B) 17 C) 18 D) 19 _____

- 26) Anna is making a Christmas card in a very unique shape for her friend. It has two less sides than the shape that has eight more than three less than five sides. What shape is Anna's card?

A) Hexagon B) Octagon C) Decagon D) Dodecagon _____

- 27) Kyle is in a soccer team with 11 other students. At the end of each soccer game, every team member shakes hands with the other team members. If there are two team members absent at a game, how many hand shakes will be made at the end of the game?

A) 36 B) 45 C) 72 D) 90 _____

- 28) How many pathways are there from the Bus stop to the Pizza Factory on a 4x4 grid? You can travel only to the right (East) and up (North).



A) 35 B) 70 C) 75 D) 150 _____

Space for rough work

29) Lily, Max, Emma, and Noah go to a school where they can choose from four different subjects to study: Math, Science, Art and Music. Each student likes a different subject. Here are the clues:

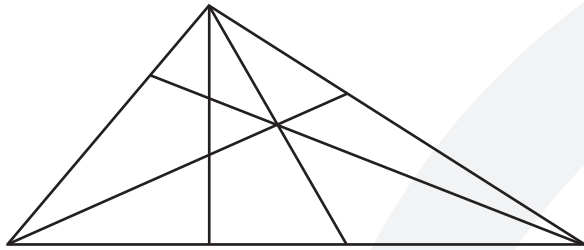
- Lily does not like subjects with numbers and loves painting.
- Max, Emma, and Noah all like subjects with numbers.
- Emma has been practicing an instrument for a school performance.
- Noah wants to be a doctor and enjoys conducting experiments.
- Max enjoys solving puzzles and is not interested in music.

Who likes Math?



- A) Max B) Lily C) Emma D) Noah _____

30) How many triangles of all sizes are in this diagram?



- A) 26 B) 27 C) 28 D) 29 _____

Space for rough work



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

For more information, please visit:
spiritofmathcontest.com

   /spiritofmath