



Spirit of Math.

Releasing the Genius®

GRADE 2

Spirit of Math International Contest 2024

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.

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) $4 + 3 + 6 - 5 + 7 = ?$
A) 10 B) 14 C) 15 D) 25 _____
- 2) Anthony is 14 years old. His sister Alice, is half as old as he is. How old is Alice?
A) 6 B) 7 C) 8 D) 9 _____
- 3) Anouk has five numbers: 13, 6, 4, 22, and 19. She ordered these numbers from the least to greatest. What is the second largest number?
A) 19 B) 6 C) 22 D) 13 _____
- 4) There were fifteen cars parked in the parking lot of a shopping mall. All but 6 cars are green. How many of them are green?
A) 6 B) 8 C) 9 D) 12 _____



Space for rough work



- 5) Betty is waiting in line for the Ferris wheel. There are two people in front of Betty and three behind her. How many people are waiting in line?
A) 3 B) 4 C) 5 D) 6 _____
- 6) Terry's prom is four days after two days before June 25th. When is Terry's prom?
A) June 26th B) June 27th C) June 28th D) June 29th _____
- 7) (Number of sides of a square) + (number of sides of a triangle) + (number of sides of a rectangle) = ?
A) 9 B) 10 C) 11 D) 12 _____
- 8) What number comes next in this pattern: 2, 3, 5, 8, 12, _____
A) 14 B) 15 C) 16 D) 17 _____

Space for rough work

9) Manuel had a long chocolate bar he wanted to share it with five of his friends. How many parallel cuts should Manuel make so that everyone gets one piece?

- A) 5 B) 6 C) 7 D) 8 _____

10) Gauss found six nickels between the pillows of his couch. How much money did he find? What is the best logical question you could ask to help you solve this problem?

- A) How much is one nickel worth? B) How much is a dime worth?
C) How many coins did he find? D) What colour is the couch? _____

11) Tom started reading "Catching Mice 101" at the top of page 5. He read to the bottom of page 38. How many pages did he read?

- A) 33 B) 34 C) 43 D) 44 _____

12) Ann, Bob, and Carl are going shopping. Ann has two dollars, Bob has four dollars, and Carl has three dollars. If they share their money so that they each have the same amount, how many dollars will each get?

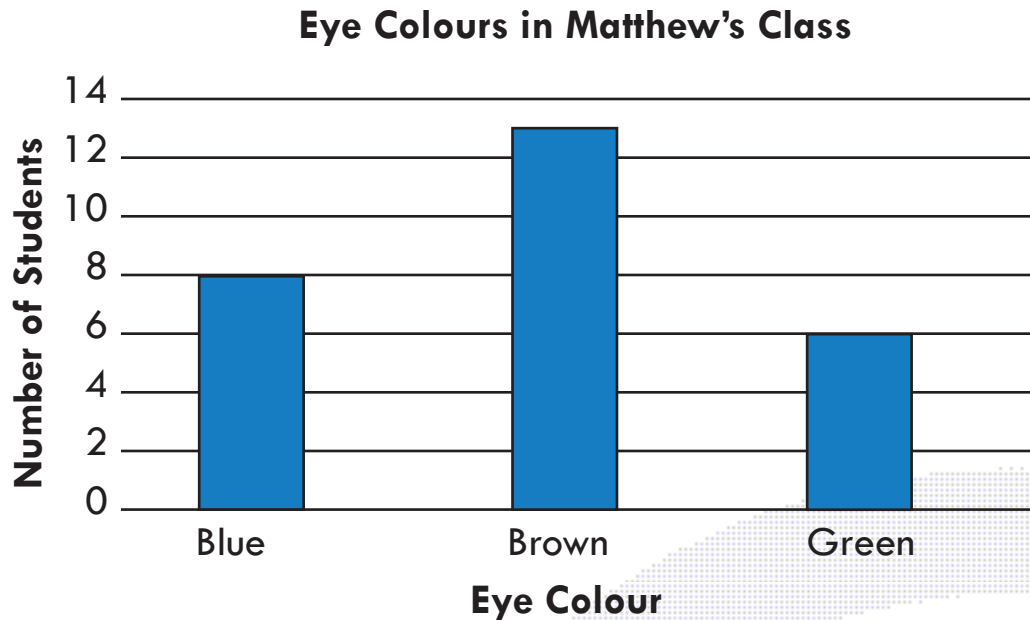


- A) \$2 B) \$3 C) \$6 D) \$9 _____

Space for rough work



- 13) Matthew did a class survey and recorded his findings on a graph. Are there more students with brown eyes or students with other eye colours?



- A) There are more students with brown eyes. B) There are more students with an eye colour other than brown.
- C) There are as many students with brown eyes as there are students with an eye colour other than brown. D) This is not solvable. _____
- 14) Oscar counted the legs of 3 dogs and 4 people that he saw at the park. How many legs did he count?
- A) 7 B) 10 C) 14 D) 20 _____

Space for rough work

15) In Morse code, each letter is replaced with a different combination of dashes(—) and dots(•) as shown in the table below. For example, SOS is written as ••• / — — — / •••.

Using the table as reference, what does the following message in Morse code say?

“— — — / • — — / — — — / •••• •• / •••• •• — • / •• — — / — •”

A	• —	J	• — — —	S	•••
B	— •••	K	— • —	T	—
C	— • — •	L	• — ••	U	•• —
D	— ••	M	— —	V	••• —
E	•	N	— •	W	• — —
F	•• — •	O	— — —	X	— •• —
G	— — •	P	• — — •	Y	— • — —
H	••••	Q	— — • —	Z	— — ••
I	••	R	• — •		

A) Math is fun B) Mars is big C) Math is joy D) Milk is hot _____

16) Ms. Tsang makes four bracelets every day. How many bracelets can she make in two weeks?

A) 8 B) 14 C) 46 D) 56 _____

17) Ten players competed in the Spirit of Backgammon Tournament. If each player must play with each other player once, how many games are there in total?

A) 5 B) 10 C) 45 D) 90 _____

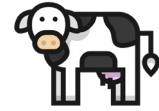
Space for rough work



18) Pandora's locker combination contains prime numbers only. Which of the following could be Pandora's locker combination? (Remember: a number is considered prime if its only factors are one and itself)

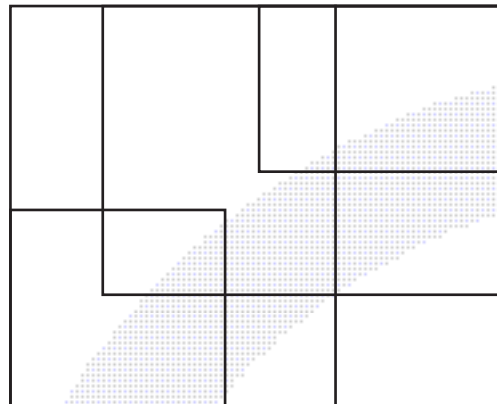
- A) 19, 9, 89 B) 13, 1, 61 C) 15, 3, 47 D) 17, 2, 37 _____

19) Alla has a farm with lots of cows and chickens! If there is a total of 12 heads and 36 legs amongst her animals, how many of the animals are cows?



- A) 4 B) 6 C) 9 D) 12 _____


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



- A) 7 B) 8 C) 17 D) 18 _____

Space for rough work





To promote co-operation, inspire
confidence and
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in every child.

For more information, please visit:

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