Spirit of Math
Releasing the Genius ®

GRADE 2

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.
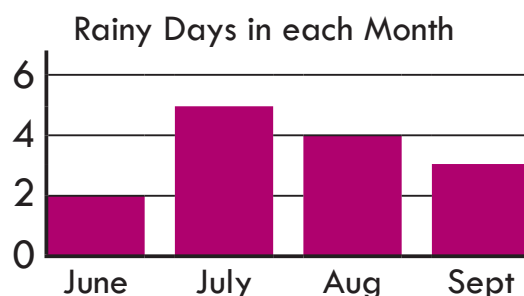
Student Name:

Score: /20

1) $2 + 8 + 3 + 7 + 4 + 6 = ?$

A) 25 B) 29 C) 30 D) 40 ___

2) The graph shows the number of rainy days in each month. Which month has the least number of rainy days?

Rainy Days in each Month

A) June B) July C) August D) September ___
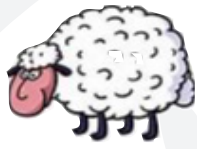
3) $8 - 4$ is the same as

A) $2 + 2 + 2$ B) $3 + 3$ C) $8 - 0$ D) $8 - 2 - 2$ ___

4) My tennis match is one week and one day after today. If today is Thursday, when is my tennis match?
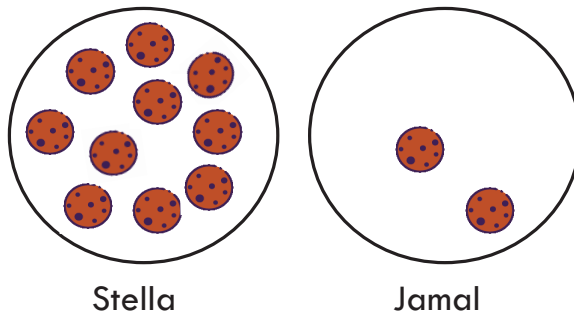
A) Friday B) Saturday C) Sunday D) Monday ___
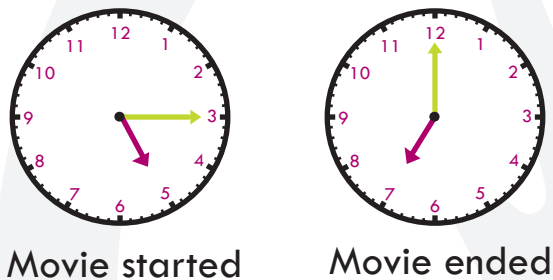
Space for rough work

5) A *palindrome* reads the same when read forward or backward (for example: noon). Which of the following is a *palindrome*?

   A) boot   B) 112   C) 787   D) man   ____

6) Pam and Jim were chewing gum for two days. How many hours have they been chewing gum?

   A) 12   B) 24   C) 36   D) 48   ____

7) Wendy the Witch cast a spell on 90 mice! All but 4 got away. How many mice got away?

   A) 4   B) 9   C) 86   D) 90   ____

8) Farmer Danimal was counting the sheep and chickens in the field. He knows that sheep have four legs and chickens have two legs. If Farmer Danimal counted 30 legs and 11 heads, how many chickens were in the field?

   A) 4   B) 5   C) 6   D) 7   ____

Space for rough work

9) Stella and Jamal have cookies on their plates, as shown in the picture below. Stella wants to give some of her cookies to Jamal so that they have the same number of cookies. How many cookies are on **each** plate if they have the same number of cookies ?

Stella   Jamal

A) 4   B) 5   C) 6   D) 7   ____

10) There were 27 donuts in a box. Thirteen donuts had sprinkles, 19 donuts had chocolate drizzle, and some donuts had both. How many donuts have both sprinkles and chocolate drizzle?

A) 2   B) 5   C) 13   D) 32   ____

11) Darian watched a movie and looked at the clock when the movie started and when the movie finished. How long was the movie?

Movie started   Movie ended

A) 100 minutes   B) 105 minutes   C) 110 minutes   D) 120 minutes   ____

_____

Space for rough work

12) Josh invited some friends over to his birthday party and all of them shook hands with each other once. If there were six people at the party, including Josh, how many handshakes were given in total?

A) 15   B) 16   C) 30   D) 36   ____

13) Ayesha is painting consecutively numbered fence posts. She knows that consecutive numbers follow each other in order, without any gaps (for example: 5, 6, 7, 8). Ayesha painted all the posts numbered consecutively from 7 to 22. How many posts did she paint?
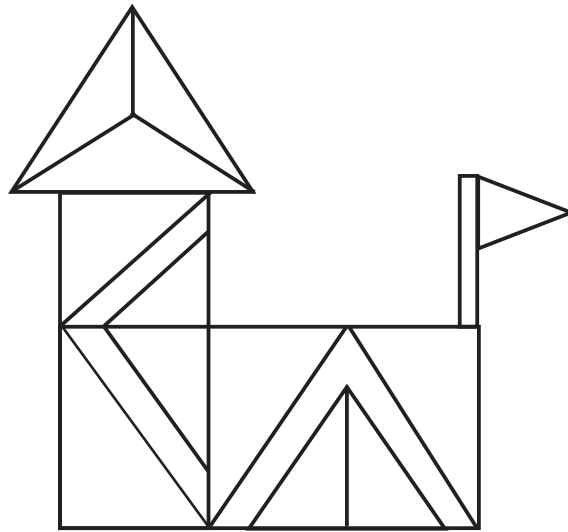
A) 14   B) 15   C) 16   D) 17   ____

14) Thalia saw one dozen white shoes, and two more than a dozen blue shoes in the closet. How many pairs of shoes are in the closet?

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

A) How big is the closet?	C) How many pairs of shoes are in the closet?
B) What is a dozen?	D) Are there more blue shoes than white shoes?

    ____

15) Grace placed 12 crayons into two boxes: a large box and a small box. She put three times as many crayons into the large box than the small box. How many crayons are in the **large** box?

A) 3   B) 6   C) 8   D) 9   ____

Space for rough work

16) I went to the store to buy school supplies. I used five 10-cent coins and five 25-cent coins to pay. What was the total cost?

A) $1.50   B) $1.65   C) $1.75   D) $2.00   ____

17) Gordon the Gardener planted seeds beside the length of a straight path. If each seed was planted exactly 2 metres apart and Gordon planted 15 seeds, how long was the path?

A) 28 metres   B) 30 metres   C) 32 metres   D) 34 metres   ____

18) Simon took part in a scooter race with his friends. If he came in second place and fourth from last place, how many people took part in the race?

A) 3   B) 4   C) 5   D) 6   ____

19) The smallest square has a length of one unit in the diagram below. What is the length of the largest square?

A) 4 units   B) 8 units   C) 16 units   D) 24 units

____

Space for rough work

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

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

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Space for rough work

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