



Mathletes Challenge

2026

Championship - Test I

Unleash your problem-solving power!

Question 1

Which number has a 2 in the tens place?

- A** 0.26
 - B** 2.09
 - C** 3.726
 - D** 425.9
-

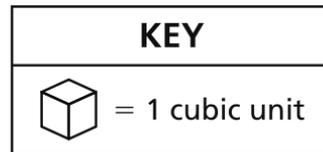
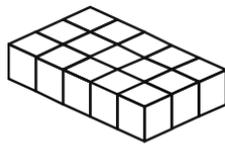
Question 2

Which expression is equivalent to $\frac{3}{4} \times 7$?

- A** $3 \times 4 \div 7$
- B** $3 \times 7 \div 4$
- C** $3 \div 4 \div 7$
- D** $3 \times 7 \times 4$

Question 3

The first layer of a right rectangular prism is shown below. Each small cube has a volume of 1 cubic unit.



The height of the entire right rectangular prism is 6 unit cubes. What is the volume, in cubic units, of this prism?

- A 15
 - B 23
 - C 60
 - D 90
-

Question 4

A baker has $\frac{1}{4}$ of a box of muffin mix. He pours all the muffin mix equally into 3 bowls.

What fraction of the whole box of muffin mix is in each bowl?

- A $\frac{1}{12}$
- B $\frac{3}{4}$
- C $2\frac{3}{4}$
- D $3\frac{1}{4}$

Question 5

Jamie has aquarium rocks that come in bags that weigh $2\frac{2}{5}$ pounds each. She has $1\frac{1}{2}$ bags of rocks. What is the total weight, in pounds, of the aquarium rocks that Jamie has?

- A $1\frac{3}{5}$
 - B $3\frac{3}{7}$
 - C $3\frac{3}{5}$
 - D $3\frac{9}{10}$
-

Question 6

What is the value of $\frac{34}{100} + \frac{2}{10}$?

- A $\frac{54}{100}$
- B $\frac{54}{10}$
- C $\frac{36}{100}$
- D $\frac{36}{10}$

Question 7

Which shape always has four sides of equal length?

- A** rectangle
 - B** rhombus
 - C** parallelogram
 - D** trapezoid
-

Question 8

What is 63.4368 rounded to the nearest hundredth?

- A** 63.4
- B** 63.43
- C** 63.44
- D** 63.437

Question 9

Lori uses 12 pounds of turkey to make 60 sandwiches. Each sandwich has the same amount of turkey. What is the total amount of turkey in each sandwich?

- A $\frac{1}{6}$ pound
 - B $\frac{1}{5}$ pound
 - C 5 pounds
 - D 6 pounds
-

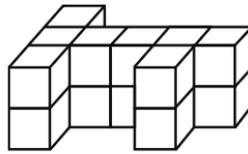
Question 10

In which number does the digit 6 represent a value that is one tenth the value represented by the digit 6 in the number 506.42 ?

- A 504.26
- B 540.62
- C 560.42
- D 604.25

Question 11

The figure shown below is made of unit cubes. The bottom layer of the figure is identical to the top layer.



What is the volume, in cubic units, of the figure?

- A 16
 - B 20
 - C 24
 - D 30
-

Question 12

A company owner spends \$1,488 for tickets to a baseball game. The price of each ticket is \$24. How many tickets does the company owner buy?

- A 62
 - B 68
 - C 74
 - D 75
-

Question 13

An art teacher makes green paint by combining 2 quarts of yellow paint and 3 pints of blue paint. How much green paint, in cups, does the art teacher make?

- A 7
- B 10
- C 14
- D 20

Question 14

Which expression is equivalent to $1\frac{5}{14} - \frac{3}{4}$?

- A $\frac{15}{14} - \frac{13}{14}$
 - B $\frac{33}{28} - \frac{3}{28}$
 - C $\frac{38}{28} - \frac{21}{28}$
 - D $\frac{19}{56} - \frac{3}{56}$
-

Question 15

Jaylah is buying her favorite candy at a store. The cost for each piece of candy is \$0.63. Jaylah buys 5 pieces of candy. She pays with a \$5.00 bill. What is the total amount of money she should get in change?

- A \$1.55
- B \$1.85
- C \$3.05
- D \$3.15

Question 16

Which statement about parallelograms is true?

- A All parallelograms are squares.
 - B All parallelograms are rectangles.
 - C All parallelograms are rhombuses.
 - D All parallelograms are quadrilaterals.
-

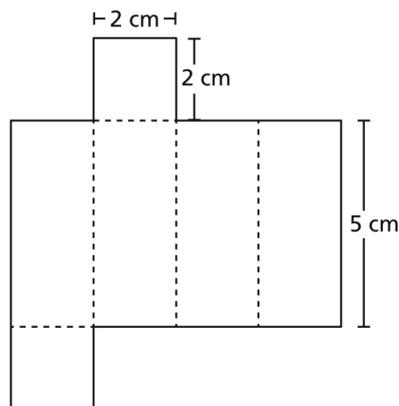
Question 17

A carton contains $4\frac{1}{2}$ cups of ice cream. One full serving is $\frac{3}{4}$ cup. What is the total number of full servings of ice cream in the carton?

- A $3\frac{3}{4}$
 - B $5\frac{1}{4}$
 - C 6
 - D 12
-

Question 18

The net of a right rectangular prism is shown below.



What is the surface area, in square centimeters, of this prism?

- A 20
- B 34
- C 40
- D 48

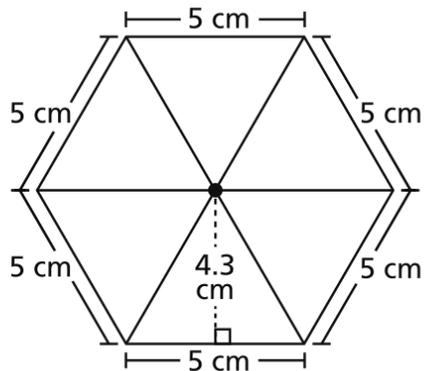
Question 19

An office has two copiers. Copier A prints 350 pages in 7 minutes. Copier B prints 210 pages in 3 minutes. How many more pages can Copier B print in 1 minute than Copier A ?

- A 20
 - B 35
 - C 50
 - D 70
-

Question 20

A regular hexagon is made of equilateral triangles, as shown below.



What is the area, in square centimeters, of the regular hexagon?

- A 10.75
- B 21.5
- C 34.3
- D 64.5

**END
OF
TEST**

ANSWER KEY - 2026 ROUND 3 - TEST 1

1. D	11. A
2. B	12. A
3. D	13. C
4. A	14. C
5. C	15. B
6. A	16. D
7. B	17. C
8. C	18. D
9. B	19. A
10. B	20. D