

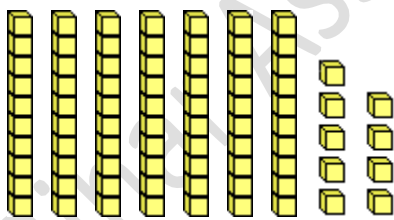
## Academic Fest 2019 – Primary School, Sample Question (Math)

### Rules and Guidelines for the Math Competition

1. Eligibility: Students entering grades 1<sup>st</sup> through 3<sup>rd</sup> in school year 2019-2020.
2. Typically, Math Sense test will include multiple choice questions appropriate for their age group.
3. The contestant will have up to 45 minutes to complete the test.
4. For each correct answer, contestant will be awarded with 4 points and for each incorrect answer, one point will be deducted.
5. Only answer sheets will be evaluated. Hence, if contestant is using workbook, he/she must transfer all answers from their workbook to the answer sheet. The contestants are free to write the calculation steps or do rough works on the workbook, but they must write only final answer on the answer sheet. Do not write anything else on the answer sheet except your student id.
6. Again only Answer Sheet will be evaluated. **You must return this Question Paper along with answer sheet to your test coordinator.**
7. Calculators, books or any such supporting materials are not allowed. Although papers and pencils will be provided to each contestant they are free to bring their own pencils and erasers.
8. Contestants should be on time to make full use of allocated time for the test. If a contestant is late then he/she will get only the remaining time to finish the test.
9. Raise your hand if you have any questions
10. Parents/visitors will not be allowed in the competition room.

### Questions:

1.



\_\_\_ tens

\_\_\_ ones

Write the number: \_\_\_\_\_

# Bihar Association of North America

*Fostering Cultural and Academic Excellence*

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2.

78 ones = \_\_\_ tens and \_\_\_ ones

3.


<b>Rows</b>	1	2	4
<b>Chairs</b>	8	16	

Each row has **8** chairs. How many chairs are in **4** rows?

\_\_\_\_\_ chairs

4.

William has **28** crayons and Jacob has **17** crayons. How many more crayons does William have than Jacob?


  
 \_\_\_\_\_
   
 \_\_\_\_\_ crayons

5.

Subtract

89,732  
- 1,25

4,590  
- 999

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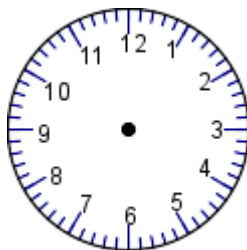
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6.

Write the time and draw the clock hands.



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3:55

## Academic Fest 2019 – Primary School, Sample Question (Math)

7.

How much money is shown?



- 36 ¢      45 ¢      24 ¢      33 ¢
- A       B       C       D

8.

Fill in the missing value.

\_\_\_\_\_ quarter  + 4 nickels  + 3 pennies  = 48 ¢

9.

Round to the nearest dollar.

\$96.26 \_\_\_\_\_

\$32.85 \_\_\_\_\_

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10.

**Multiply**

72,951

x 23

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95.05

x 1.2

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11.

**Order the decimals from least to greatest.**

9.81, 9.89, 9.6

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12.

**Round to the nearest hundredth**

14.5317

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13.

**Compare. Write <, >, or =.**

0.86 \_\_\_\_\_

100

\_\_\_\_\_ 15

14.

**Write a fraction**

twenty-seven hundredths

\_\_\_\_\_

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15.

Fill in the missing digits

$$\begin{array}{r} \square 3 . \square 3 4 \\ + 3 4 . 7 \square \square \\ \hline 8 \square . 3 3 7 \end{array}$$

16.

The Mountain Springs library is open from 8 a.m. until 9 p.m. on Monday - Friday, and from 11 a.m. until 3 p.m. on Saturday. It is closed on Sunday. How many hours is the library open each week?

\_\_\_\_\_

17.

Grandma has been sick, but the doctor says that she is making progress. She has to take five pills, three times a day. How many pills does she take in one day?

\_\_\_\_\_

18.

Show amount using the fewest number of coins

\$11.31

___ penny	___ one-dollar bill
___ nickel	___ five-dollar bills
___ dimes	___ ten-dollar bill
___ quarter	

19.

Complete.

## Academic Fest 2019 – Primary School, Sample Question (Math)

Favorite Subject	
Subject	Number
Writing	2
History	7
Mathematics	8
Music	6
Reading	4
Science	3

a. How many people answered the survey?

\_\_\_\_\_

b. How many people chose history as their favorite subject?

\_\_\_\_\_

c. How many people did not choose writing as their favorite subject?

\_\_\_\_\_

20.

The pie was cut into 32 pieces. Each person got to eat 4 pieces of pie. How many people were there?

\_\_\_\_\_ people

21. Compare. Write  $<$ ,  $>$ , or  $=$ .

1 \_\_\_\_\_ 1.03

22. Joe had 400 M&Ms. He realized he only had brown and yellow M&Ms. If he had 239 yellow M&Ms, how many brown M&Ms did he have? \_\_\_\_\_

23. Earth is a:

- a. Prism
- b. Cube
- c. Sphere
- d. Circle

24. Put the following numbers in order from least to greatest

0.5,  $\frac{1}{3}$ ,  $\frac{3}{4}$ , 0.8, 1 \_\_\_\_\_

25. Order the decimals from least to greatest.

8.90, 1.33, -1.00 \_\_\_\_\_