



RAMAGYA SCHOOL, NOIDA

III/MATHS/2018-19

OLYMPIAD PRACTICE WORKSHEET

Concept Based –

1. 9824 is same as _____.
- (a) $900 + 800 + 20 + 4$ (b) $9000 + 800 + 20 + 4$ (c) $900 + 80 + 2 + 4$ (d) None of the above
2. Which of the following shows correct name of the Sharma's house number?
Sharma's House number
- | | | | |
|---|---|---|---|
| 9 | 5 | 2 | 1 |
|---|---|---|---|
- (a) Nine thousand five hundred twenty one (b) Nine five twenty one
(c) Ninety five hundred one (d) Fifty twenty one
3. Which of the following pairs is correctly matched?
- (a) Seven hundred two -720 (b) Five hundred twenty one -521
(c) Two hundred fifty two-525 (d) All of the above
4. Which of the following set of numbers is in the order from highest to least?
- (a) 9876, 9768, 9678, 8976, 8796, 6879 (b) 982, 985, 989, 789, 525
(c) 1920, 1902, 9102, 2109, 9201 (d) 1920, 9102, 9768, 9321
5. Round 439 to the nearest hundred.
(a) 40 (b) 500 (c) 450 (d) 400
6. What number comes in between 10,201 and 10,410?
(a) 10,021 (b) 10,221 (c) 10,002 (d) 10,420

7. Which symbol should be written in the box below to make the given number sentence true?

9256 9526

(a) < (b) > (c) \leq (d) =

Application Based

8. Ranbir made the number pattern shown below:
Which number should be next in Ranbir's pattern?
(a) 12 (b) 13 (c) 16 (d) 18

9. Look at the number pattern given below:

20	22	24	P	Q	R	S
----	----	----	---	---	---	---

Where does the number 30 belong in this pattern?

(a) Block P (b) Block Q (c) Block R (d) Block S

10. There is a 4 in my hundred's place.

- There is a 7 in my one's place.
- There is a 5 in my ten's place.

Which number am I?

(a) 547 (b) 475 (c) 457 (d) 745

11. Which number would you speak out when you count by 3 and when you count by 4?

(a) 15 (c) 7 (B) 24 (d) 28

12. What are the two missing numbers in the boxes?

2	10
12	3
?	?
16	5

(a) 5, 16 (b) 4, 14 (c) 15, 5 (d) 1, 14

13. The given table shows the number of members in each of two farm clubs. Which number sentence correctly compares these numbers?

Farm Clubs

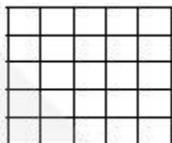
Name	Number of Members
------	-------------------

Dairy	6,076
-------	-------

Poultry	5,070
---------	-------

(a) $6,076 > 5,070$ (b) $6,076 = 5,070$ (c) $6,076 < 5,070$ (d) None of these

14. Which number sentence best represents the model shown here?



(a) $5 + 5 = \square$ (b) $5 \times 5 = \square$ (c) $5 \times 25 = \square$ (d) $5 - 5 = \square$

15. The smallest five-digit number that can be formed using 9, 5, 4, 2, 8 without repeating the digit is _____.

(a) 45892 (b) 24589 (c) 85429 (d) 52489

Value Based –

16. A boy has drawn a number card from a bag containing number from 1 to 100. It is draw a number is 20 more than the least two-digit number. What is his number?

(a) 20 (b) 40 (c) 30 (d) 50

17. Armaan puts fruit slices on a tray.

- He puts 40 pineapple slices on the tray.
- He puts 12 fewer orange slices than pineapple slices on the tray.

Which number sentence could be used to find the number of orange slices (\square) on the tray?

(a) $\square - 40 = 12$ (b) $\square - 12 = 40$ (c) $40 - 12 = \square$ (d) None of these

18. Mohini wrote a number on the black board as shown below.

(a) 4 (b) 5 (c) 7 (d) 8

19. Kush's house number is having five at thousand's place. Which could be his house number?

(a) 5321 (b) 4521 (c) 6521 (d) Question does not provide sufficient data or is vague

20. How many four digit number can be formed using 7, 5, 0, 2 only once in a number?

(a) 3 (b) 4 (c) 9 (d) None of the above

