

# North Ex Public School (Recognised)

## Sector-3,Rohini Periodic Test 2 (2020-21)

### Class VII Subject : Maths

M.M. 20 Marks

Time : 30 Minutes

**\*Required**

1. Name of student \*

---

2. Roll No \*

---

3. class and section \*

*Mark only one oval.* A B

4. 1. Two supplementary angle are in ratio 3 : 7 . The smallest angle is equal to? \* 1 point

*Mark only one oval.* 54° 126° 90° 45°

5. 2. The supplement of an acute angle is a/an \*

1 point

*Mark only one oval.*

- straight angle
- acute angle
- right angle
- obtuse angle

6. 3. Parallel lines are always \_\_\_\_\_ \*

1 point

*Mark only one oval.*

- coincide
- equal
- intersecting
- equidistant

7. 4. Adjacent Angles always have \*

1 point

*Mark only one oval.*

- a common arm
- a non-overlapping interior
- a common vertex
- all of these

8. 5. A rectangle is symmetrical about \_\_\_\_\_ \*

1 point

*Mark only one oval.*

- each of its side
- its diagonal
- the lines joining the midpoints of the opposite sides
- none of these

9. 6. Which of the following has both reflection and rotational symmetry? \*

1 point

*Mark only one oval.*

- T
- C
- Z
- O

10. 7. How many lines of symmetry are there in a scalene triangle ? \*

1 point

*Mark only one oval.*

- 1
- 2
- 3
- 0

11. 8. The number of lines of symmetry in the letter W is? \*

1 point

*Mark only one oval.*

- 1
- 2
- 3
- 0

12. 9. Two angles of a triangle are  $40^\circ$  and  $50^\circ$  The triangle is a/an? \*

1 point

*Mark only one oval.*

- Right Triangle
- Isosceles Triangle
- Equilateral Triangle
- Scalene Triangle

13. 10. State which of the following angles are possible measurements of a triangle? \*

1 point

*Mark only one oval.*

- $40^\circ, 80^\circ, 70^\circ$
- $70^\circ, 70^\circ, 60^\circ$
- $50^\circ, 60^\circ, 70^\circ$
- $60^\circ, 70^\circ, 80^\circ$

14. 11. Which of the following is equal to the sum of three angles of a triangle? \* 1 point

*Mark only one oval.*

- one right triangle
- two right angles
- three right angles
- four right angles

15. 12. The hypotenuse and a side of a right triangle is 13 cm and 5 cm respectively. its third side is equal to. \*

1 point

*Mark only one oval.*

- 13 cm
- 21 cm
- 12 cm
- 12.5 cm

16. 13. Find the angle which is supplement of itself. \*

1 point

*Mark only one oval.*

- 45°
- 90°
- 180°
- None

17. 14. Write the complement of  $70^\circ$  . \*

1 point

*Mark only one oval.*

- $20^\circ$   
  $90^\circ$   
 None  
  $70^\circ$

18. 15. if one angle of a linear pair is obtuse angle , then what kind of angle is the other? \*

1 point

*Mark only one oval.*

- acute  
 obtuse  
 right  
 straight

19. 16. If two angles of a triangle are  $35^\circ$  and  $65^\circ$  .Find the third angle. \*

1 point

*Mark only one oval.*

- $80^\circ$   
  $30^\circ$   
  $70^\circ$   
  $55^\circ$

20. 17. The length and breadth of a rectangle are 8 cm and 6 cm respectively . 1 point  
Find the length of the diagonal. \*

*Mark only one oval.*

- 12 cm  
 10 cm  
 11 cm  
 9 cm

21. 18. Two poles 8 m and 13 m high are standing 12 m apart . Find the distance 1 point  
between their tops. \*

*Mark only one oval.*

- 12 m  
 13 m  
 10 m  
 11 m

22. 19. Identify the figure:- A triangle with rotational symmetry . \* 1 point

*Mark only one oval.*

- equilateral triangle  
 scalene triangle  
 acute angle triangle  
 right triangle

23. 20. A semi circle has \_\_\_\_\_ \*

1 point

*Mark only one oval.*

- rotational symmetry
  - line symmetry
  - no rotational symmetry
  - line symmetry but no rotational symmetry
- 

This content is neither created nor endorsed by Google.

Google Forms