



BASANT VALLEY PUBLIC SCHOOL
PLOT NO. -119, SEC -46, GURGAON
(2019-20)

CLASS - 5TH

MATHS

Q.1. Fill in the blanks -

- 1) _____ is a factor of every number.
- 2) $3 \times 22 \times 0 =$ _____
- 3) $2713 \div 2713 =$ _____
- 4) The least prime number is _____d
- 5) The smallest composite number is _____
- 6) Each prime number has exactly _____ factors.
- 7) The largest 2 digit prime number is _____
- 8) $1000 \times 10 =$ _____
- 9) $1674 \times$ _____ $= 0$
- 10) $2358 \times$ _____ $= 2358$.
- 11) Angles are measured is _____
- 12) Angles are measured with the help of a _____
- 13) The measure of a _____ angle is 180° .

14) The measure of a right angle is _____

15) When two rays from an angle, their common end point is called the _____ of the angles.

16) Two rays with a _____ end point from an angle.

17) The complement of 60° is _____

18) The supplement of 120° is _____

Q.2. True or False –

1) A straight angle is equal to 180° . ()

2) An obtuse angle is greater than 180° . ()

3) The inner and outer scales of a protractor read the same measurement at 90° .
()

4) The measures on the outer scale of protractor increase from left to right.
()

5) A factor of a number cannot be greater than the number. ()

6) The HCF of 26 and 27 is 1. ()

7) If a number is divisible by 6, it must be divisible by 3. ()

8) If a number is divisible by 25, it must be divisible by 5. ()

9) LCM of two distinct numbers is always greater than their HCF. ()

10) Any number multiplied by 1 is not number itself. ()

11) $80 \times 900 = 720$ ()

12) $639 \div 0 = 0$ ()

Q.3. Do as directed -

1) Write first seven multiples of 18.

2) Find the HCF of 18 and 36 by prime factorization method.

3) Divide 432950 by 17.

4) Circle the numbers which are divisible by 6 -

2346, 7934, 5926, 3330

Subjective

Q.1. Draw the following angles using protractor.

a) 75°

b) 130°

c) 180°

Q.2. Find the dividend when divisor = 187, quotient = 3078 and remainder = 96.

Q.3. By using grouping method find the products.

a) $5 \times 45 \times 20$

b) $4 \times 17 \times 25$

c) $10 \times 18 \times 100$

Q.4. Find the HCF of 135 and 180 by long division method.

Q.5. Find HCF of 60 and 72 by common division method.

Q.6. Find LCM of 12, 18, 24 and 36 by short division method.

Q.7. Find LCM of 25 and 30.

Q.8. The HCF of two numbers is 136 and the two numbers are 680 and 816. Find the LCM.

Q.9. 7359105 pencils are packed equally in 845 boxes. How many pencils are packed in one box?

Q.10. The product of two numbers is 1785483. If one of the numbers is 987. What is the other number?

Q.11. The cost of a bicycle is Rs. 2895. Find the cost of 1486 bicycle.

Q.12. The total population of a city is 15207635. There are 6751574 men and 6036425 women and remaining are children. How many children are there in the city.

Q.13. By how much does 7102340 exceed 6824572.

Q.14. Write the complement of the following angles.

a) 43°

b) 80°

c) 85°

Q.15. Write the supplement of the following angles.

a) 90°

b) 108°

c) 137°

Q.16. IN $\triangle ABC$ if $\angle B = 46^\circ$ and $\angle C = 54^\circ$ then find $\angle A$.

Q.17. In a right angled triangle, one angle measures 35° . find each of the remaining two angles.

Q.18. Find the diameter of a circle whose radius is 4.5 cm.

Q.19. Find the radius of a circle whose diameter is 7cm.

Q.20. Find the circumference of a circle whose radius is 35cm. (take $\pi = 22/7$)

Q.21. Find the circumference of a circle whose diameter is 14cm. . (take $\pi = 22/7$)