

**CBSE Board
Class VI
Mathematics Term II
Sample Paper - 3**

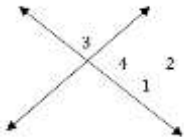
Maths

- Q1.** A T.V. costs Rs. 24,600. If a cooler costs Rs. 800 more than one-third of that of the T.V., the cost price of the cooler is
- (a) Rs. 9,000
(b) Rs. 10,000
(c) Rs. 9,100
(d) Rs. 13,400
- Q2.** Three students are asked to estimate the difference between 7509 and 459 to the nearest hundred. They get the following answers:
Student 1. 7000 Student 2. 7100 Student 3. 7200
What is your opinion about this?
- (a) Student 1 is correct
(b) Student 2 is correct
(c) Student 3 is correct
(d) Both a) and b)
- Q3.** If $a=5$, $b=2$ and $c=4$, the value of $a \times (b + c)$ is
- (a) 40
(b) 30
(c) 11
(d) 13
- Q4.** Study the following pattern:
 $1 = (1 \times 2)/2$, $1 + 2 = (2 \times 3)/2$, $1 + 2 + 3 = (3 \times 4)/2$
By observing the above pattern, the value of $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10$ is
- (a) 85
(b) 75
(c) 65
(d) 55

- Q5.** The greatest number, which divides 134 and 167 leaving 2 as remainder in each case, is
(a) 11
(b) 17
(c) 13
(d) 12
- Q6.** The LCM of two numbers is 2175 and their HCF is 145. If one of the numbers is 125, then the other number is
(a) 725
(b) 2523
(c) 1845
(d) 3125
- Q7.** On simplifying $25 - \{4 \div (-2)\} - 12 - 5(6 + \overline{2 - 8})$, we get
(a) 16
(b) -14
(c) 15
(d) -20
- Q8.** The distance between two places is 2400 km. If a train covers two-fifths of the distance, then distance uncovered by the train is
(a) 1440 km
(b) 1520 km
(c) 1500 km
(d) 1400 km
- Q9.** The temperature of a place was 48°C at a certain time. After a while, the temperature recorded was 39°C , the decrease in temperature was
(a) 10°C
(b) 9°C
(c) 11°C
(d) 8°C
- Q10.** Two lines perpendicular to the same line are
(a) Parallel
(b) Intersecting
(c) Concurrent
(d) None of these

- Q11.** By joining any two points on the circumference of a circle, we obtain a
- (a) Diameter
 - (b) Chord
 - (c) Radius
 - (d) Circumference
- Q12.** The difference between the sum of two supplementary angles and the sum of two complementary angles is
- (a) 0°
 - (b) 180°
 - (c) 90°
 - (d) 1°
- Q13.** If an angle is $\frac{1}{4}$ of its supplement, then the degree measure of the angle is
- (a) 36°
 - (b) 45°
 - (c) 144°
 - (d) 145°

- Q14.** In the fig., if $\angle 1 = 60^\circ$, the sum of degree measure of $\angle 2$ and $\angle 3$ is



- (a) 60°
 - (b) 90°
 - (c) 160°
 - (d) 180°
- Q15.** When we subtract $2\frac{2}{3}$ from 5, we get
- (a) $3\frac{1}{3}$
 - (b) $2\frac{1}{3}$
 - (c) $14/8$
 - (d) Both a) and b)

- Q16.** If capacity of a water bottle is $\frac{5}{12}$ litre, the quantity of water required to fill 36 such bottles is
(a) 12 l
(b) 20 l
(c) 16 l
(d) 15 l
- Q17.** A medicine dropper contains 0.009 l. Is this less than 1 ml?
(a) Yes
(b) No
(c) Can't say
(d) Cannot be compared
- Q18.** By how much is 8932 cm greater than 9687 mm?
(a) 7963.3 cm
(b) 7963.3 mm
(c) 755 cm
(d) 755 mm
- Q19.** The present age of a brother is 5 years more than that his sister. If sum of their present ages is 21 years, the present age of the sister is
(a) 8 years
(b) 13 years
(c) 14 years
(d) 7 years
- Q20.** ABCD is a rectangle. If its perimeter is 84 cm, the value of x is
(a) 15 cm
(b) 17 cm
(c) 12 cm
(d) 18 cm
- Q21.** If 32 men can finish a piece of work in 25 days, how many men will be required to finish it in 20 days?
(a) 40
(b) 36
(c) 48
(d) 42

- Q22.** In a hostel, 550 students had food provisions for 28 days. For how many days will it last long for 700 students?
- (a) 34 days
 - (b) $35\frac{7}{11}$ days
 - (c) 22 days
 - (d) None of these
- Q23.** Length and breadth of a rectangle are 48 cm and 12.5 cm respectively. If the length is increased by 2 cm and breadth is increased 2 times, then area of the new rectangle so formed is
- (a) 1200 sq. cm
 - (b) 1000 sq. cm
 - (c) 1150 sq. cm
 - (d) 1250 sq. cm
- Q24.** What is the perimeter of a square having area 144 cm^2 ?
- (a) 49 cm
 - (b) 144 cm
 - (c) 48 cm
 - (d) 18 cm
- Q25.** How many lines of symmetry is possible in case of a rhombus?
- (a) 2
 - (b) 3
 - (c) 4
 - (d) None of these
- Q26.** The bisectors divide an equilateral triangle in
- (a) 1 region
 - (b) 2 regions
 - (c) 3 regions
 - (d) 6 regions
- Q27.** With the help of a compass, we can draw the angle of
- (a) 40°
 - (b) 55°
 - (c) 65°
 - (d) 90°

- Q28.** See the following data:
112, 118, 124, 108, 115, 114, 124, 112, 114, 116, 119, 120, 114, 108, 120, 112, 118, 126, 130, 114
From above data, the frequency of 114 is
(a) 3
(b) 5
(c) 2
(d) 4
- Q29.** What kind of angle is it, if it is greater than its supplement?
(a) Acute
(b) Right
(c) Obtuse
(d) None of these
- Q30.** The value of $|(-6)| + |5| - |(-3)|$ is
(a) -5
(b) -2
(c) 2
(d) 8