

Jaswant Modern Sr. Sec. School Class5 Maths Winter Vacations Worksheet 2023-24 Set A

Q1 Write in words: a 32,78,896 b 65,72,900 c 86,12,75,285 d 11,63,00,198
e 100,000,001

Q2 Arrange the following in descending order: a 3328765 ; 865001 ; 6439876 ; 990051
b 9076549 ; 7608329 ; 3200956 ; 43064011

Q3 Find the sum of the place value of two 9's in 89,56,943

Q4 Find the place value of all digits in : a 649.062 b 59.341 c 193.85 d 6509.329

Q5 Convert the following into percentage: a $\frac{3}{5}$ b $\frac{12}{25}$ c $\frac{7}{10}$ d $\frac{16}{50}$
e $\frac{3}{20}$ f $\frac{5}{25}$

Q6 The cost of 1 metre cloth is Rs 38.50. Find the cost of 18 meters of such cloth.

Q7 Convert into decimal fractions: a $\frac{1}{8}$ b $\frac{1}{2}$ c $\frac{37}{40}$ d $\frac{51}{8}$
e $\frac{17}{50}$

Q8 Four pieces of ribbons measure 38cm, 36cm, 34cm and 40cm. Find the average length of ribbon piece in the group of given ribbon pieces.

Q9 The rainfall recorded in three cities in three days was 14.5cm, 18.6cm and 10.1 cm. Find average daily rainfall.

Q10 Is the average of 4 consecutive even numbers, an odd number?

Q11 Convert into m/ sec.: a 45 km / hr b 72km / hr c 54km / hr
d. Convert 25m/ sec into km / hr

Q12. Arrange in columns and subtract.

a 345.009 – 89.999 b 7800.65 – 348.664 c 100.684 – 89.77 d 520.001 – 55.69

Q13. Expand the following: a 5827.964 b. 839.774 c 936.153 d 8275.906

Q14 Find the product a 659.54 x 3.9 b 527.83 x 66.8 c. 312.09 x 7.43 d. 975.64 x 7.9

Q15. Find a 45% of 300 b 80% of 745 Q16. Which is more 35% of 200 or 60% of 900.

Q17. Round off 54879 to the nearest 1000 Q18. Find the average of : 9, 11, 13, 17 and 15

Q19 Arun spent Rs 150 out of Rs 600 to buy a book. What percent of money did he spend?

Q20 Find the profit or loss if

a. Cost price= rs 1359.50 Selling price= Rs1400

b CP= Rs3010 SP= Rs 3100

Q21 Raman purchased a car for Rs 3,40,900 and sold it for Rs 4,00,000. Find his profit percent.

Q22 Write LVII; CDXXIX ; CM ; DCCCXXX and DC in Hindu Arabic numerals.

Q23 Write in numerals: a Seventeen million ten b one million six thousand Eighty nine

Q24 Divide and write quotient and remainder: 659872 by 435 and 74950 by 279

Q25 Construct a circle whose radius is 3.6cm. and find its diameter.

Q26. Convert the given temperatures to Celsius scale : a 212°F b 77°F c 176°F
d 41°F

Q27 Convert the given temperatures to Fahrenheit scale: a 80°C b 25°C c 50°C
d 110°C

Q28 Find the H C F by long division method: a 140 and 196 b 216 and 630
c 390 and 663

Q29 Find the LCM of : a 42 ,36 and 21 b 204 and 255 c 64 and 96

Q30 Find the greatest number that will divide 37 ,50,123 leaving remainder 1,2 and 3 respectively.

Q31 Solve: a $\frac{5}{9}$ of 105 b $\frac{3}{4}$ of $\frac{16}{5}$ c 15 of $\frac{3}{25}$ d $\frac{2}{3} \times \frac{9}{16} \times \frac{4}{27}$

Q32 A man has Rs 150. He gives $\frac{1}{5}$ of his money to his eldest son, $\frac{1}{3}$ of the remaining money his youngest son and the rest to his daughter. How much money did he give to his daughter?

Q33 Construct triangles of the given measures: a 120° B 75° c 135° d 90°

Q34 The minimum temperatures recorded in a town during the first 5 days of a month were 33.5°C , 30.4°C , 25.6°C , 31.5°C and 29°C . What was the average minimum temperature during those five days?

Q34 Find the breadth of a rectangle whose : a length = 200cm and area = 5500 sq cm. b length = 107m and Area = 1926 sq m.

8Q35 Divide: a $\frac{4}{5}$ by $\frac{25}{10}$ b $\frac{7}{121}$ by $\frac{56}{77}$ c $\frac{18}{70}$ by $\frac{35}{72}$

Q36 Mohan has Rs 3,50,000 . He gave 75% of the money to his daughter. How much is left with him?

Q37 Find the complement of 80° 65° 70° and 15° Q38. Cost price = Selling price + _____

Q39. A watch maker sold a wrist watch for rs 375. He earned a profit of rs 35. Find the cost price of the wrist watch. Q40. Reshu bought a carpet for rs 20000 and sold it for rs 21000. Find her profit percent.

Q41 Find the volume of a cube whose edge is 3.5cm long.

Q42 The internal edge of a cubical tank is 2.5m. Find its internal volume.

Q43 Find the volume of a rectangular solid whose length is 12m, breadth is 19. And height is 80cm.

Q44. How many ice cubes with sides 2cm can be put in a box whose dimensions are 4cm \times 4cm \times 4cm.

Q45. Fill in the blanks : a The amount of space a solid occupies is called _____. b Volume of cube is $__ \times __ \times __$. c A regular octagon has _____ lines of symmetry. d An angle whose measure is more than 90° but less than 180° is called a _____ angle. e The diameter is _____ of the radius. f The length of a cube is called its _____. g. An angle whose measure is 90° is called a _____ angle. h. Radius of a circle is $__ \times$ diameter of a circle. i. When $S.P < C.P$; then it makes a _____

Q46 The area of a rectangular region is 560 sq cm and its length is 20 cm. Find the breadth of the rectangle.

Q47 Hari earned a profit of rs 1875.09 by selling his goods for rs 19309.00. Find the cost price of goods.

Q48 Sukhwinder bought a chair for Rs 2250 and spent Rs 75 on its transportation. He sold it for Rs 2250. Find his profit or loss percent.

Q49 Find the diameter of a circle whose radius is 2.3cm.

Q50 There are 800 students in a school. If $\frac{1}{10}$ of the students were absent on a day, find the number of students that were present that day. Also find the fraction of students of the school that was present that day.

Q51. Mr. Joshi gave rs 750.59 to each of his 3 sons and rs 630.50 to each of his 6 daughters. How much money did Mr. Rao give to his children?

Q52 .Write the common factors of 21 and 49.

Q53. The HCF of two numbers is 12 and their LCM is 672. If one of the numbers is 96, find the other number.

Jaswant Modern Sr. Sec. School Winter Vacations Worksheet 2023-24 Class 5 Maths Set B

Q 1 Write the predecessor of the following numbers: 5632980 , 8769200 ,6297655 ,800000

Q2 Arrange the following in ascending order: a 54.099 , 60.083 , 39.429 , 20.896 ,85.009

b 0.009 ,0.9 , 0.39 , 0.01 c 100.78 ; 109.6 ; 432.7 ; 163.5 c. 18.467 ;18.9 ; 18.54 ;18.009

Q3. Find the HCF by Prime factorization method: a. 28,42,80 b.108 ,141 c. 105 ,70 d 64,72,96 e. 126 ,540 Q4 Find the LCM of : a.32,56,84 b 255 ,340,765 c 65,115,130

Q4 Find the greatest number that exactly divides 360 and 456. Q5 The LCM of 609 and 783 is 5481.Find their HCF. Q6 Check the divisibility of : 83915 by 2 ; 29157 by 3 ;69174 by 6 ; 84650 by 5 ; 17224 by 9 ; 93416 by 8 ; 23343 by 11 Q7 Divide and check: a 63487 by 321 b 906580 by 250

Q8 If the product of two numbers is 192 and their HCF is 8.What is the LCM? Q9 Add: a $\frac{5}{8} + \frac{3}{4} + \frac{1}{6}$

b $\frac{7}{8} + \frac{9}{16} + \frac{5}{12}$ Q9 Simplify: a. $\frac{2}{3} - \frac{1}{5} + \frac{4}{15}$ b $\frac{2}{3} \times \frac{3}{4} \times \frac{7}{5}$ c $\frac{13}{18} \times \frac{9}{13}$ d $\frac{5}{9} - \frac{3}{12}$

Q10 The cost of a litres of milk is Rs 13.Find the cost of $\frac{29}{2}$ litres of milk. Q11 Divide : a $\frac{31}{33} \div \frac{9}{11}$

b $\frac{7}{15} \div \frac{7}{25}$ c $\frac{8}{11} \div 24$ d $\frac{9}{10} \div \frac{6}{25}$ e $\frac{6}{25} \div \frac{9}{10}$ f $\frac{25}{42} \div \frac{25}{28}$

Q12 A bag contains 199.5kg of rice.How much rice is contained in 1000 such bags? Q13 A ribbon 3.84 m long is cut into 4 equal pieces.What is the length of each piece? Q14 Simplify: a $3 [18 + \{3 + 4(4 - 2)\}]$

b $55 \div [17 - \{15 - 3(7 - 4)\}]$ c $128 \div 4 + 12 \times 5 - 4$ d $162 \times 25 \div 5 - 36$ Q15 Round off 869457 to the nearest 10 ,109,1000 Q16 Find the average of 120 ,125,118,122 and 123 Q17 Find the average of first 3 multiples of five. Q 18 The time taken (in min.) by a student to solve 15 sums are given belo:

1,2,2,6,6,5,,4,5,6,2,2,4,5,6,7,6 Arrange the data in ascending order and then put it in a table to show how many sums he could solve in a given time.

Q19 Shweta buys a dress for rs 1750 and sells it at rs 2000.Find the i.profit ii profit percent

Q20.Construct a circle of radius 3.5cm . Find its diameter, and show the centre and a chord other than the diameter. Q21. An examined scored 585 marks out of 900 marks.What

percent of marks did he score? Q22 Find the supplement of the following angles: a 70° b 135° c 80° d 115° e 45° f 65°

Q23 Find the complement of the following angles: a 86° b 70° c 54° d 60° e 38° f 75°

Q24 Three bells ring at an intervals of 10,15 and 20 minutes respectively. The three bells ring together at 12 'O clock.At what time will they ring together next?

Q25 Find the greatest number that will divide 37,50,123 leaving remainder 1,2 and 3 respectively.

Q26 A newspaper contains 64 columns.Each contains 145 lines.Each line has 32 letters.How many letters are there in the newspaper?

Q27 The total number of students in classes I to V in a state is 7325718. Out of these 336726 are girls.How many are boys?

Q28 Prem secured the following marks in an examination: Hindi – 75 ,English- 56 , Maths_ - 98, Science -90 S.Studies- 84 Now a Find the average of the marks b In how many subjects were the marks higher than the average marks.

Q29 What percent of : a 25 is 5 b 25m is 10m c rs 75 is rs 90 d 50 is 15

Q30 A team won 16 matches out of 20.What percentage of the matches was lost by the team?

Q31 Find the value of : 25% of 900 b 15% of 450 c 5% of 24 d 14% of 144

Q32 If the diameter of a circle is 9 cm.Find its radius. Q33 If the radius of the circle is 6.3 cm Find its diameter. Q34 Total number of students of a school in different years is shown in the following table:

Years	Number of students
2001	425
2002	550
2003	500
2004	350
2005	300

Prepare a pictograph of students using one symbol ● to represent 199 students and answer the following questions: a How many symbols represent total number of students in the year 2004?

b How many symbols represent total number of students in the year 2001?

Q33 Write 457 , 890 , 935 , 824 , 189 , 96 and 1000 in Roman Numeral.

Q34 The total population of a big city is 12549716. The population is divided into two three categories: males females and children. If there are 4632250 males and 45 79 105 females, what is the number of children in the city? Q35 Sheela has 80 paise and Rupa has rs 4. What is the ratio of the money they have? Q36. The ratio of the number of rose plants to the number of sunflower plants in the garden is 3:5.If there are 25 sunflower plants in the garden, find the number of rose plants in the garden.

Q37. Is the ratio 15:60 equal to the ratio 12:96? Q38 Express a .36 km /hr in m/sec
b.126km/hr in m/s

Q39. Express a 45m/sec in km/hr b 35 m/sec Q40. A train runs at the speed of 60 km per hour.How much distance will it cover in 5 hours? Q41.The ratio of the incomes of Lalit and his father is 2:3. If his father's income is Rs 9000, find Lalit's income. Q42. The temperature of an object is found to be 167°F.What is its temperature in °C?

Q**1 Learn tables 2 to 20 thoroughly

2 Complete Area , Volume , Profit and loss , Speed ,Distance, Time and Temperature in Math activity book.

3 Do the following activities: Roll no.1 to 10: A 15 cm by 10 cm picture is put in a frame of 18cm by 12 cm.Does the picture take up less or more of the area than the frame? Prove this by performing activity.

Roll no 11 to 21: What letters of the English alphabet have reflection symmetry (i.e symmetry related to mirror reflection) about it? i a vertical mirror ii a horizontal mirror. Show this with the help of an activity.