

Brilliant Public School , Sitamarhi



Class -V

Mathematics

Sitamarhi Talent Search

Session : 2012-13

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Class – V Mathematics

Full Marks:190

Time: 3 hrs

- 1) How many times would the digit, 2, be written if you wrote down all the whole numbers from 1 to 100 ?
a) 10 b) 11 c) 19 d) 20
- 2) The product of the place values of 6 in 438269160, divided by 1000 is
a) 36 b) 3600 c) 60 d) 60000
- 3) $625 \div \underline{\hspace{2cm}} = 25$ a) 25 b) 625 c) 1 d) 250
- 4) tens make a crore. a) 1,00,000 b) 1,00,00,000 c) 1,000 d) 10,00,000
- 5) $(10,000 \div 50) \times 5 = \underline{\hspace{2cm}}$ a) 100 b) 1000 c) 2000 d) 40
- 6) Numeral for Eighty crore eighty lakh eighty one is
a) 80,80,081 b) 80,08,881 c) 80,80,00,081 d) 80,80,08,081
- 7) $3,00,000 \div \underline{\hspace{2cm}} = 300$ a) 1000 b) 3000 c) 100 d) 10,000
- 8) The difference between the predecessor and the successor of one million is
a) 1 b) 2 c) 1,000,000 d) 1,000,001
- 9) What should be subtracted from the greatest 7 digit number to get 65,43,210 ?
a) 12,34,567 b) 99,99,999 c) 12,34,560 d) 34,56,789
- 10) $10,00,00,000 - 100 = \underline{\hspace{2cm}}$
a) 99,99,99,900 b) 9,99,99,900 c) 1,00,00,900 d) 10,00,00,900
- 11) $(321 \times 9) - \underline{\hspace{2cm}} = 2,888$ a) 1 b) 0 c) 2 d) 3
- 12) $111 \times 111 = \underline{\hspace{2cm}}$ a) 1,11,111 b) 12,312 c) 12,321 d) 12,121
- 13) To get a quotient of 700 and a remainder 48 what number should be divided by 100?
a) 748 b) 70,048 c) 70,000 d) 7,048
- 14) The largest 9 digit number ending with 7 is
a) 77,77,77,777 b) 10,00,00,007 c) 99,99,99,999 d) 99,99,99,997
- 15) 25 lakhs + 6 thousands + 4 tens =
a) 25,06,040 b) 2,56,00,040 c) 25,640 d) 25, 60, 040
- 16) The successor of 93,99,999 is
a) 93,91,000 b) 93,99,998 c) 94,99,999 d) 94,00,000
- 17) 87,88,989 87,78,979 87,58, 959 The missing number in the above pattern is
a) 87,68,959 b) 87,68,969 c) 87,88,989 d) 87,88,969
- 18) The digit immediate to the right of ten lakhs shows place.
a) crore b) ten crore c) ten thousand d) lakh
- 19) The predecessor of 1 crore is

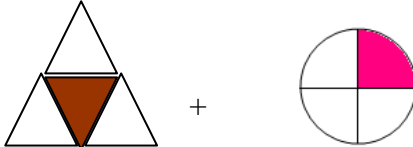
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- a) 99,99,999 b) 10,01,000 c) 9,99,999 d) 99,99,99,999
- 20) _____ X 1,000 = 9,98,20,000
a) 9,98,200 b) 9,982 c) 99,820 d) 99,82,000
- 21) $1 \times 2 \times 3 \times 4 \times 5 \times 6 =$ _____ a) 720 b) 21 c) 600 d) 300
- 22) $7,30,485 + 2,69,514 =$ _____
a) 9,99,99,999 b) 99,999 c) 10,00,009 d) 9,99,999
- 23) $(33 \times 3) + (3 \div 3) =$ _____ a) 98 b) 99 c) 100 d) 33
- 24) The product of two numbers is 10,800. If one number is 90 what is the other number?
a) 10,890 b) 10,710 c) 9,72,000 d) 120
- 25) $1,00,00,000 - 10,00,000 =$ _____
a) 90,00,000 b) 9,00,000 c) 9,00,00,000 d) 90,000
- 26) In which of the following, the numbers are arranged in ascending order?
a) 57071 50371 53071 57301
b) 50371 53071 57071 57301
c) 57301 53071 57071 50371
d) 50371 53071 57301 57071
- 27) Numbers which are divisible by both 3 and 4 in the following are:
a) 1312 and 2612 b) 4449 and 8804 c) 9924 and 1536 d) 2700 and 3700
- 27) Which is the odd one in the following? a) 37 b) 47 c) 57 d) 97
- 28) The two prime factors of 65 are ____ and ____
a) 1 and 65 b) 5 and 13 c) 60 and 5 d) 15 and 15
- 29) The 12th multiple of 16 is _____ a) 182 b) 1216 c) 1129 d) 192
- 30) The least multiple which is common for both 15 and 25 is _____
a) 75 b) 25 c) 50 d) 15
- 31) If we divide the sum of 45 and 90 by their difference, the answer is
a) neither prime nor composite b) the least prime number
c) the least odd prime number d) the least composite number
- 32) I am a number between 660 and 665. I am divisible by 3 but not by 6. What number am I ?
a) 661 b) 662 c) 663 d) 664
- 33) I am a prime number. If you subtract 1 from me, I will become divisible by 9. Who am I ?
a) 29 b) 19 c) 17 d) 11
- 34) The three numbers whose LCM is 75 are _____, _____ and _____.
a) 5, 15, 25 b) 5, 10, 15 c) 3, 5, 15 d) 3, 50, 25
- 35) The three prime numbers between 10 and 40 are _____, _____ and _____.
a) 17, 27, 37 b) 11, 21, 31 c) 13, 23, 33 d) 13, 29, 37

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- 36) LCM of 3, 8 and 9 is a) 18 b) 27 c) 72 d) 54
- 37) The largest prime number between 1 and 100 is a) 89 b) 97 c) 99 d) 93
- 38) 672 is divisible by a) 2 and 3 b) 3 and 4 c) 2 and 6 d) all of these
- 39) The composite number which comes just after 60 is a) 61 b) 62 c) 63 c) 64
- 40) There are _____ prime numbers between 40 and 70 a) 11 b) 10 c) 7 d) 9
- 41) A factor of 91 is a) 17 b) 13 c) 31 d) none of these
- 42) Which among the following are co prime numbers?
a) 9 and 21 b) 7 and 17 c) 14 and 35 d) 12 and 33
- 43) 48949 is divisible by a) 2 b) 3 c) 4 d) None of these
- 44) Fill in the missing multiple. 90, 105, _____, 135, 150
a) 120 b) 15 c) 125 d) 130
- 45) HCF of 90, 96 and 10 is a) 2 b) 6 c) 10 d) 1
- 46) LCM of 7, 14, 17 is a) 34 b) 238 c) 28 d) None of these
- 47) LCM of 8 and 10 is a) 8 b) 80 d) 10 d) 40
- 48) HCF of 16 and 73 is a) 16 b) 1 c) 73 d) None of these
- 49) Factors of 93 are a) 1, 3, 13, 93 b) 1, 2, 23, 93 c) 1, 3, 31, 93 d) None of these
- 50) Co prime numbers are numbers whose common factor is
a) 1 b) 2 c) 0 d) their product
- 51) Which among the following are twin primes?
a) 31 and 37 b) 7 and 11 c) 11 and 13 d) 3 and 7
- 52) Example for an improper fraction is a) $\frac{25}{26}$ b) $\frac{12}{13}$ c) $\frac{15}{14}$ d) $\frac{19}{20}$
- 53) Equivalent fraction of $\frac{7}{15}$ is a) $\frac{25}{35}$ b) $\frac{14}{45}$ c) $\frac{35}{75}$ d) $\frac{21}{50}$
- 54) Compare $\frac{9}{11}$ $\frac{2}{5}$ a) = b) > c) < d) None of these
- 55) Improper fraction of $12\frac{1}{6}$ is a) $\frac{72}{6}$ b) $\frac{73}{6}$ c) $\frac{18}{6}$ d) $\frac{19}{6}$
- 56) Mixed fraction for $\frac{39}{12}$ is a) $3\frac{1}{12}$ b) $3\frac{2}{12}$ c) $3\frac{3}{12}$ d) $3\frac{12}{3}$
- 57) Sum of $\frac{7}{12}$, $\frac{8}{12}$ and $\frac{12}{12}$ is a) $\frac{15}{12}$ b) $\frac{19}{12}$ c) $\frac{20}{12}$ d) $2\frac{3}{12}$
- 58) Product of $\frac{12}{24}$ and $\frac{36}{72}$ is a) $\frac{16}{12}$ b) $\frac{3}{5}$ c) 4 d) $\frac{1}{4}$
- 59) $\frac{11}{35}$ Subtracted from $\frac{12}{15}$ is a) $\frac{85}{35}$ b) $\frac{33}{35}$ c) $\frac{11}{15}$ d) $\frac{17}{35}$

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- 60) $\frac{14}{3}$ divided by $\frac{7}{2}$ is a) $\frac{4}{3}$ b) $\frac{7}{3}$ c) $\frac{2}{3}$ d) $\frac{1}{14}$
- 61) $\frac{1}{5} \times 5 = \underline{\hspace{2cm}}$ a) 0 b) 1 c) 5 d) 10
- 62) Example for a proper fraction is a) $\frac{28}{15}$ b) $\frac{11}{23}$ c) $\frac{16}{9}$ d) $\frac{14}{13}$
- 63) Fraction is a part of a a) Half b) Quarter c) Whole d) Three quarters
- 64) Reciprocal of $3\frac{1}{2}$ is a) $\frac{7}{2}$ b) $\frac{2}{7}$ c) $1\frac{2}{3}$ d) $2\frac{1}{3}$
- 65) $2\frac{2}{3} \times 5\frac{1}{2} \times \frac{3}{8} =$ a) $2\frac{2}{3}$ b) $5\frac{1}{2}$ c) $\frac{2}{11}$ d) $\frac{3}{8}$
- 66) Raju scored 16 marks of 25. Its fractional form is a) $\frac{3}{8}$ b) $\frac{16}{25}$ c) $\frac{9}{25}$ d) $\frac{25}{16}$
- 67) A badminton player won 6 games and lost 4. The fraction of the games he won is
a) $\frac{6}{4}$ b) $\frac{4}{6}$ c) $\frac{6}{10}$ d) $\frac{4}{10}$
- 68) Which of the following fraction is the largest?
a) $\frac{29}{30}$ b) $\frac{29}{23}$ c) $\frac{29}{27}$ d) $\frac{29}{25}$
- 69) Gopal reads $\frac{3}{5}$ of a book. He finds that there are still 80 pages left to be read. The total number of pages in the book are a) 100 b) 200 c) 300 d) 400
- 70) Ravi had $\frac{5}{6}$ of a cake. He ate $\frac{2}{3}$ of it. What part of the cake did he eat?
a) $\frac{5}{9}$ b) $\frac{10}{12}$ c) $\frac{10}{6}$ d) $\frac{10}{3}$
- 71) The product of a fractional number and its multiplicative inverse is
a) 0 b) 1 c) fraction itself d) none of these
- 72) Which of the following represents a correct division problem?
a) $\overset{7}{\overline{63)}9}$ b) $\frac{7}{63} = 9$ c) $\frac{7}{9} = 63$ d) $\frac{63}{9} = 7$
- 73) What is the sum of the reciprocals of 7 and $\frac{1}{9}$?
a) $\frac{7}{64}$ b) 16 c) $\frac{6}{67}$ d) $\frac{64}{7}$
- 74)  +
Shaded portion together in the above is = _____
a) $\frac{1}{2}$ b) $\frac{2}{8}$ c) $\frac{3}{8}$ d) $\frac{4}{7}$
- 75) All fractions that have same value are called _____ fractions.
a) Like fractions b) Proper fractions c) Unlike fractions d) Equivalent fractions

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- 76) The product of $\frac{9}{10} \times 1$ is a) 1 b) $\frac{10}{9}$ c) $\frac{9}{10}$ d) $\frac{1}{10}$
- 77) In 100.0827 the place value of 8 is a) $\frac{8}{100}$ b) $\frac{8}{10}$ c) $\frac{8}{1000}$ d) 800
- 78) $\frac{6}{10000} =$ _____ a) 0.006 b) 0.0006 c) 0.0600 d) 0.6000
- 79) $88 \frac{87}{1000} =$ _____ a) 88.87 b) 88.870 c) 8.887 d) 88.087
- 80) $998.00178 =$ _____ a) $998 \frac{178}{10000}$ b) $998 \frac{178}{1000}$ c) $998 \frac{178}{100000}$ d) $998 \frac{178}{100}$
- 81) $5000 + 800 + 80 + 0.09 =$ _____
a) 5880.009 b) 5880.09 c) 588.09 d) 588.009
- 82) The expanded form for 805.104 is a) $800 + 5 + \frac{1}{10} + \frac{4}{1000}$ b) $800 + 5 + \frac{1}{10} + \frac{4}{100}$
c) $800 + 10 + 5 + \frac{1}{10} + \frac{4}{100}$ d) $800 + 50 + \frac{1}{10} + \frac{4}{100}$
- 83) The like decimal fraction for 5.05, 5.5 is
a) 5.05, 5.05 b) 5.05, 5.50 c) 5.50, 5.50 d) 5.5, 5.5
- 84) The equivalent decimal fraction for 8.0411 is
a) 8.04101 b) 8.00411 c) 8.04110 d) 8.4110
- 85) 7.02, 77.02, 6.65 are called as a) Like decimals b) Equivalent decimals
c) Proper decimals d) Unlike decimals
- 86) Compare: $9 + 0.011$ 9.101 a) > b) < c) = d) None of these
- 87) One hundredths is equal to _____ a) 100 hundredths b) 10 hundredths
c) 10 thousandths d) None of the above
- 88) 5 kg and 500 g = _____ a) 5500 kg b) 55.50 kg c) 5.5 kg d) 550.0 kg
- 89) $4 + \frac{5}{100} + \frac{7}{10000} =$ _____ a) 4.0507 b) 4.507 c) 4.057 d) 4.57
- 90) I am a decimal number and I am 0.5 less than 1, then I am _____ .
a) 1.5 b) 0.1 c) 0.15 d) 0.5
- 91) _____ $\div 1000 = 7.531$ a) 7531 b) 75.31 c) 753.1 d) 0.7531
- 92) Seema had Rs.5 and spent Rs. 2.50 for a pencil. How much money was left with her?
a) Rs. 2.25 b) Rs. 3.50 c) Rs.2.50 d) Rs.7.50
- 93) $0.7 \times 3 =$ _____ a) $\frac{21}{10}$ b) 0.21 c) 7.3 d) 21
- 94) Ravi covered a distance of 1000 metres in 10 minutes. How much did he cover in 1 minute?
a) 1 km b) 100 m c) 10 km d) 1 m
- 95) $79.9 \times (100.1 \times 0) =$ _____ a) 79.900 b) 799.100 c) 0 d) 79.910
- 96) $65.01 = 65.01 \div$ _____ a) 100 b) 1 c) 10 d) 100

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- 97) $8.01 \times \underline{\hspace{2cm}} = 80100$ a) 10000 b) 100 c) 1000 d) 10
- 98) The product of 7.6×0.2 is a) 152 b) 0.152 c) 15.2 d) 1.52
- 99) $25.7 \div 100 = \underline{\hspace{2cm}}$ a) 0.257 b) 2.57 c) 2570 d) 257
- 100) $1.10 + 2.10 + 3.10 = \underline{\hspace{2cm}}$ a) 6.10 b) 6.20 c) 6.30 d) 630
- 101) The word cent means a) percent b) hundred c) fraction d) decimal
- 102) $12\frac{1}{2}\%$ of 800 is a) 100 b) 200 c) 50 d) 400
- 103) Anju scored 39 marks out of 60 in Maths test. What % is this?
a) 75 % b) 35 % c) 60 % d) 65 %
- 104) What is the number whose 60 % is 90? a) 450 b) 150 c) 100 d) 300
- 105) What % of 75 minutes is 15 minutes? a) 25 % b) 15 % c) 10 % d) 20 %
- 106) Ramesh scored 75 % in English Test. The marks were out of 40. How many marks did he score?
a) 30 b) 15 c) 35 d) 60
- 107) To change percentage into decimal, by 100.
a) multiply b) divide c) add d) subtract
- 108) $8\% = \underline{\hspace{2cm}}$ a) 0.8 b) 0.08 c) 0.008 d) 8.00
- 109) 2 ml = % of a litre a) 0.25 b) 20 c) 2.0 d) 0.2
- 110) $0.9 = \underline{\hspace{2cm}}$ a) 9 % b) 90 % c) 900 % d) 9000 %
- 111) $25\% = \underline{\hspace{2cm}}$ a) $\frac{25}{1000}$ b) $\frac{25}{10}$ c) $\frac{25}{100}$ d) $\frac{2.5}{100}$
- 112) 27.5 % kg is g a) 27.5 g b) 275 g c) 2.75 g d) 0.275 g
- 113) In a class of 60 students, 55 % are girls. How many students are boys?
a) 27 b) 33 c) 45 d) 55
- 114) What % is 7.5 of 30? a) 25 % b) 20 % c) 75 % d) 50 %
- 115) To convert fraction into percentage, multiply by a) 10 b) 1000 c) 100 d) 50
- 116) % = $\frac{4}{25}$ a) 4 b) 20 c) 1 d) 16
- 117) Out of 25 oranges 4 were damaged. What percentage was good oranges?
a) 84 % b) 25 % c) 16 % d) 75 %
- 118) $\frac{20}{100}$ of metre is cm a) 2 b) 200 c) 20 d) 0.2
- 119) 6 hundredths = % a) 6 b) 60 c) 0.6 d) 600
- 120) 25 % of 30 kg is = a) 7 kg b) 8.5 kg c) 6.5 kg d) 7.5 kg
- 121) Which of the following is equivalent to 0.7 ? a) 700 % b) 7 % c) 70 % d) 0.7 %
- 122) 63 paise as a percentage of a rupee = a) 63 % b) 6.3% c) 0.63 % d) 6.03 %

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- 123) The fraction in lowest term for 40 % = ____ a) $\frac{3}{5}$ b) $\frac{4}{5}$ c) $\frac{1}{5}$ d) $\frac{2}{5}$
- 124) What is the amount whose 25 % is Rs.75 ? a) Rs.240 b) Rs. 18.75 c) Rs. 450 d) Rs.300
- 125) 30% of 300 = ____ a) 100 b) 90 c) 900 d) 10
- 126) Gain percentage = _____
a) $\frac{\text{Profit}}{\text{CP}} \times 100$ b) $\frac{\text{Loss}}{\text{CP}} \times 100$ c) $\frac{\text{Profit}}{\text{SP}} \times 100$ d) $\frac{\text{Loss}}{\text{SP}} \times 100$
- 127) CP = Rs.145, Profit = Rs.15. Therefore SP is _____
a) Rs.106 b) Rs.120 c) Rs.160 d) Rs.150
- 128) CP = Rs.144, SP = Rs.168. Therefore profit is _____
a) Rs.14 b) Rs.24 c) Rs.42 d) Rs.312
- 129) If $SP > CP$ then Profit =
a) $SP - CP$ b) $CP - SP$ c) $CP + SP$ d) $\frac{SP}{CP}$
- 130) CP = Rs.69, SP = Rs.35, Overhead charges = Rs.10. Then the loss is _____
a) Rs.13 b) Rs.23 c) Rs.44 d) Rs.34
- 131) Overhead charges are added to _____ a) SP b) CP c) Profit d) Loss
- 132) A book is bought for Rs.20 and sold for Rs.16. The loss percentage is _____
a) 15 % b) 40 % c) 25 % d) 20 %
- 133) Profit = _____ a) $CP - SP$ b) $SP - CP$ c) $SP + CP$ d) None of these
- 134) If the SP is less than the CP, there is _____
a) A profit b) No profit, No loss c) A gain d) A loss
- 135) Rohit bought an old bicycle for Rs.450 and spent Rs.85 on its repairing. He sold it for Rs.455. Find the gain or loss. a) Profit = Rs.80 b) Loss = Rs.5 c) Loss = Rs.80 d) Loss = Rs.10
- 136) CP = Rs.300, Profit percentage = 20 % . Therefore the profit is _____
a) Rs.60 b) Rs.20 c) Rs.360 d) Rs.240
- 137) By selling a refrigerator for Rs. 5875, Mrs. Sara lost Rs.225. Find the price at which she bought the refrigerator. a) Rs.5650 b) Rs.6100 c) Rs.5875 d) Rs.6000
- 138) A dozen eggs were bought for Rs.18 and sold at Rs.1.80 each. Find the profit or loss
a) Profit = Rs.3.60 b) Loss = Rs.3.60 c) Rs.19.80 d) Rs.16.20
- 139) Mohan bought a table for Rs. 485. He sold it at a profit of Rs. 60.75. Find the SP of the table.
a) Rs.424.25 b) Rs.545.25 c) Rs.424.75 d) Rs.545.75
- 140) The CP of a washing machine is Rs.7500 and the loss is Rs. 750 . What is the SP?
a) Rs.8250 b) Rs.6750 c) Rs.6570 d) Rs.8520
- 141) Mr. Sharma bought a cupboard for Rs.3200 and sold it for Rs.3104. Find his loss or profit.
a) Profit = Rs.96 b) Profit = Rs. 104 c) Loss = Rs. 104 d) Loss = Rs.96

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- 142) Percentage of profit or loss is always calculated on _____
a) SP b) CP c) Overhead charges d) None of these
- 143) SP = Rs.218, Profit = Rs.12. Therefore CP = _____
a) Rs.206 b) Rs.230 c) Rs.106 d) Rs.236
- 144) A dealer sold a chair for Rs.90. He bought it for Rs.95 and spent Rs.20 on transportation. What was his profit/loss in this transaction?
a) Loss = Rs.25 b) Profit = Rs.25 c) Profit = Rs.15 d) Loss = Rs.15
- 145) Sam bought a book for Rs.428 and sold it at a loss of Rs.68. What was the SP?
a) Rs.496 b) Rs.480 c) Rs.460 d) Rs.360
- 146) CP = Rs.100, SP = Rs.130, Overhead charges = Rs.20, then ,
a) Profit = Rs.50 b) Loss =Rs.10 c) Loss = Rs.50 d) Profit = Rs.10
- 147) A dozen pens were bought for Rs.120 and sold for Rs.15 each. Therefore the profit on each pen and the profit on all the pens is _____, _____ respectively.
a) Rs.5, Rs.60 b) Rs.10 , Rs.60 c) Rs.15, Rs.60 d) Rs.60, Rs.10
- 148) Excess amount in the Selling price as compared to the Cost price is called _____
a) Profit percentage b) Loss Percentage c) Loss d) Profit
- 149) CP = Rs.600, Profit percentage = 15% , then the profit is _____
a) Rs.510 b) Rs.90 c) Rs.15 d) Rs.85
- 150) CP = Rs.200, Loss percentage = 5 % , then the loss is _____
a) Rs.10 b) Rs.5 c) Rs. 25 d) Rs.20
- 151) A dot (.) represents a _____
a) line b) point c) line segment d) stop
- 152) A _____ has two end points.
a) line segment b) line c) ray d) point
- 153) A ray _____
a) extends endlessly in two directions b) does not extend in any direction at all
c) extends endlessly in only one direction c) has two definite end points
- 154) A line segment _____
a) has only one end point b) extends endlessly in only one direction
c) has no definite length d) has definite length
- 155) A right angle measures _____
a) exactly 90° b) less than 90° c) more than 90° d) 180°
- 156) If the measures of two angles are same, they are called_____
a) complementary angles b) equal angles c) supplementary angles d) acute angles

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- 157) _____ measures more than 90° but less than 180°
a) A right angle b) An acute angle c) An obtuse angle d) A straight angle
- 158) The measure of a straight angle is _____ a) 90° b) 0° c) 360° d) 180°
- 159) A pair of angles are called supplementary to each other if the sum of their measures is ____
a) 180° b) 90° c) 90° minus the given angle d) 180° minus 90°
- 160) A whole angle is an angle which measures ____ a) 90° b) 360° c) 180° d) 45°
- 161) An angle measuring $> 180^\circ$ but less than 360° is called _____
a) supplementary angle b) equal angle c) reflex angle d) complementary angle
- 162) Two angles are called adjacent angles if they have _____
a) the same vertex b) they have equal measures
c) they lie in two separate figures d) they have different vertices
- 163) _____ pairs of vertically opposite angles are formed when two straight lines intersect at a point. a) 3 b) 4 c) 2 d) No
- 164) A _____ is used for measuring angles.
a) protractor b) compass c) divider d) ruler
- 165) The parts of an angle are _____ and _____
a) rays and lines b) arms and sides c) protractor and ruler d) arms and vertex
- 166) The distance around a circle is called the _____
a) circumference b) area c) diameter d) radius
- 167) Diameter of a circle is _____
a) half of radius b) half of the circumference c) twice the radius d) one fourth of the circle
- 168) An arc is _____ a) any part of the radius b) any part of the diameter
c) any part of a chord d) any part of the circumference
- 169) Radius is _____
a) a chord b) twice the diameter c) a part of an arc d) half of diameter
- 170) A radius _____
a) is a chord b) is not a chord c) is twice the diameter
b) none of these
- 171) The distance between the centre and any point on the circle is called its _____.
a) circumference b) diameter c) chord d) radius
- 172) The diameter of a circle whose radius is 7 cm is
a) 21 cm
b) 44 cm
c) 3.5 cm
d) 14 cm
- 173) A Δ with all sides of different lengths is called
a) a scalene Δ b) an isosceles Δ c) an equilateral Δ d) a right angled Δ

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- 174) A triangle is called _____ triangle, if all its sides are equal.
a) like triangle b) equivalent triangle c) same triangle d) equilateral triangle
- 175) An obtuse angled triangle can have _____
a) one obtuse angle and two acute angles
b) one obtuse angle, one right angle and one acute angle
c) one obtuse angle and two right angles
d) two obtuse angles and one acute angle
- 176) A right angled triangle can have _____
a) one right angle, one acute angle and one obtuse angle
b) one right angle and two obtuse angles
c) one obtuse angle and two right angles
d) one right angle and two acute angles
- 177) An isosceles triangle _____
a) is a triangle whose two sides and two angles are equal
b) is a triangle whose all the three sides and three angles are equal
c) is a triangle whose all the three sides and angles measure different.
d) is a triangle with two obtuse angles.
- 178) Of the following cases, construction of which Δ is not possible?
a) 7 cm, 7 cm, 13 cm
b) 10 cm, 10 cm, 20 cm
c) 5 cm, 12 cm, 14 cm
d) 3 cm, 6 cm, 7 cm
- 179) Which one of the following triangles can be constructed?
a) $60^\circ, 50^\circ, 80^\circ$
b) $70^\circ, 30^\circ, 60^\circ$
c) $59^\circ, 41^\circ, 90^\circ$
d) $65^\circ, 35^\circ, 80^\circ$
- 180) The sum of the angles of a triangle is _____
a) equal to the measure of a straight angle b) equal to the measure of a right angle
c) greater than 180° d) less than 180°
- 181) In triangle ABC, $\angle A = 30^\circ$, $\angle B = 60^\circ$, then the triangle is _____
a) an acute angled triangle b) an isosceles triangle
c) a right angled triangle d) an equilateral triangle
- 182) The needles of a clock at 3.10 form _____
a) an acute angle b) an obtuse angle c) a right angle d) a straight angle

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- 183) A pentagon is a polygon with _____
a) 4 line segments b) 9 line segments c) 5 line segments d) 6 line segments
- 184) A polygon is a _____
a) closed shape with any number of straight sides. b) closed shape with curved lines.
c) open shape with two straight sides. d) closed shape with both straight and curved sides.
- 185) _____, _____ and _____ are quadrilaterals.
a) Rectangle, triangle, pentagon b) Square, rectangle, triangle
c) Rectangle, Square, parallelogram d) Rectangle, parallelogram, octagon
- 186) Two lines are called parallel lines, if _____
a) they intersect at right angle b) they meet at a common end point to form an angle
c) they do not intersect at any point and maintain the same distance between them all through
d) they form a straight angle
- 187) A good and common example for parallel lines is _____
a) railway track b) spokes in a wheel
c) the protractor in the geometry box d) the compass in the geometry box
- 188) In which of the following group, all figures are quadrilaterals?
a) triangle, hexagon, pentagon and rectangle
b) rhombus, parallelogram, trapezium and rectangle
c) octagon, rhombus, rectangle and triangle
d) triangle, square, rectangle and rhombus
- 189) The sum of all the angles of a quadrilateral is _____
a) 360° b) 180° c) 90° d) 120°
- 190) We join _____ points to draw a triangle.
a) 3 collinear b) 3 Non collinear c) both a) and b) d) 2 collinear
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Answers For Class – V Mathematics

1 d	21 a	41 b	61 b	81 b	101 a	121 c	141 d	161 c	181 c
2 b	22 d	42 b	62 b	82 a	102 a	122 a	142 b	162 a	182 a
3 a	23 c	43 d	63 c	83 b	103 d	123 d	143 a	163 c	183 c
4 d	24 d	44 a	64 b	84 c	104 b	124 d	144 a	164 a	184 a
5 b	25 a	45 a	65 b	85 a	105 d	125 b	145 d	165 d	185 c
6 c	26 b	46 b	66 b	86 b	106 a	126 a	146 d	166 a	186 c
7 a	27 c	47 d	67 c	87 c	107 b	127 c	147 a	167 c	187 a
8 b	28 b	48 b	68 b	88 c	108 b	128 b	148 d	168 d	188 b
9 d	29 d	49 c	69 b	89 a	109 d	129 a	149 b	169 d	189 a
10 b	30 a	50 a	70 a	90 d	110 b	130 c	150 a	170 b	190 b
11 a	31 c	51 c	71 b	91 a	111 c	131 b	151 b	171 d	
12 c	32 c	52 c	72 d	92 c	112 b	132 d	152 a	172 d	
13 b	33 b	53 c	73 d	93 a	113 a	133 b	153 c	173 a	
14 d	34 a	54 b	74 a	94 b	114 a	134 d	154 d	174 d	
15 a	35 d	55 b	75 d	95 c	115 c	135 c	155 a	175 a	
16 d	36 c	56 c	76 c	96 b	116 d	136 a	156 b	176 d	
17 b	37 b	57 d	77 a	97 a	117 a	137 b	157 c	177 a	
18 d	38 d	58 d	78 b	98 d	118 c	138 a	158 d	178 b	
19 a	39 b	59 d	79 d	99 a	119 a	139 d	159 a	179 d	
20 c	40 c	60 a	80 c	100 c	120 d	140 b	160 b	180 a	