

Jaswant Modern Sr. Sec. School Class 5 Maths Winter Practice Worksheet Set A

- Q1** Arrange the following in columns and add: a. $23.980+56.7+45.337+2.965$. b $530.76+453.776+90.8$.
c $124.79+546.098+3.99$. d $87.3+4.097+405.89$. e $35.79+3.900+43.654$. f $6.325+10.87+438.996$.
g $7.25+2.2659+23$. **Q2** Convert into percentage: a $7/10$. b $3/25$. c $8/20$. d $1/5$. e $5/8$. f $6/50$.
- Q3**. Multiply: a 56.89×4.52 . b 654.98×8.99 . c 9.453×37.5 . d 923.64×7.8 **Q4**. Find the ratio of 65 and 80.
- Q5** Suman has 50 paise and Riya has Rs 4 .What is the ratio of the money they have? **Q6** The ratio of the heights of Rekha and Ruby is 5:6.If Ruby is 1.2 m tall ,find Rekha's height. **Q7** Is the ratio 25:40 equal to the ratio 44:55? **Q8** Convert 110°C to $^{\circ}\text{Fahrenheit}$ scale. **Q9** Convert the following into m/sec: 36km/hr , 54 km/ hr . 80km/hr . 120km/hr . 180km/hr . 72km/hr , 90 km / hr , 154km/ hr . **Q10** Convert into km/ hr: 50 m/ sec . 125m/sec . 75m/sec . 90 m/sec . 115m/ sec . **Q11** Convert into percentage: a $2/25$. b $7/10$. c $13/50$. d $4/5$. e $19/25$. f $15/50$. **Q12** Find:a.20% of rs 25 (in paise). b.16% of 3kg (in grams). c. 35% of 5 km (in metres). **Q13**.Simplify using BODMAS rule : a $16 + \{36 \div 6 - (4+2)\}$. b $28 - \{120 \div 60 + (8 \times 3)\}$. **Q14**. Find the HCF by prime factorisation method: a156 and 320. b 400 and 450. c 125,300 and 500. d 162,212 and 240 e 150 ,490 and 650. f 95 and 105 **Q15** An aeroplane travels at the speed of 500km/hr .How far will it travels in 8 hours? **Q16** How much time will a car travelling at 60 km/hr take to cover a distance of 720 km. **Q17** At what speed will a train cover 176 km in 2 hours?
- Q18** Express 60km/ hr in m/ s , 36 km/ hr in m/ min . 720 km / hr in m/ s ., 50 m /sec in m/ min **Q19** Find the area of a square of side 2.5cm. **Q20** Find the area of the top surface of a table in sq m whose tabletop measures 200cm by 200cm. **Q21** Find the number of tiles required to cover a floor measuring 10m on each side,if the tiles measure 25cm by 50 cm. **Q22** Find the volume of cube of side 12 cm. **Q23** Find the volume of a cuboid whose length is 10cm,breadth is 6 cm and height is 9 cm. **Q24** Rajan scored 85% in an examination in which the total marks was 900.Find his total marks. **Q25** What percentage of 50 is 15? **Q25** What is the length whose 15% is 90 m ? **Q26** Draw a circle of radius a 3.8 cm. b 4.1 cm. c 2.8cm. d 3.5cm. e 1.9 cm. **Q27** Multiply: a 56.98×94 . b 203.75×36.4 . c 8.83×76 . d 112.9×8.33 . e 3957×6.43 . **Q28** Subtract: a 398.65 from 400. b 98.453 from 100.50. c 723.66 from 810.5. **Q29** Find the average of first 4 even numbers. **Q30** Find the complement of the following Angles: 45° , 78° , 50° , 89° and 25° **Q31** Find the supplementary angle of the following: 110° , 90° , 75° , 130° and 175° . **Q32** Draw the following angles using protractor: a 110° . b 80. C 130° . D 125° and 90° . **Q33**. Construct an equilateral triangle whose one of the side is 5cm. **Q34** In a ΔABC if angle A is 75° ,B is 30° ,find the measure of angle C. **Q35** Construct a square of side 6cm. **Q36** construct a rectangle whose length is 6 cm and breadth is 4cm using compass.

Jaswant Modern Sr.Sec School Class 5 Maths Winter Practice Worksheet 2025-26 Set B

Q1 Expand : 56.774 , 1329.65 , 734.907 , 32.659 , 538.99 , 211.37 , 49.543, 12.64. **Q2** Arrange the following in ascending order : a.35.09, 6.115 , 34.63, 6.087, 34.9 b 68.99 ,68.49. ,68.09 ,68.432 **Q3** Find the length of a playground whose area is 513 sqm.and breadth is 19m. **Q4** Find the volume of air in a room 15m long,4.5m wide and 5 m high. **Q5** Show that 1120 and 735 are divisible by 5,but 518 is not divisible by 5. **Q6** Find the average of rs 25,rs 31 and rs 34 **Q7** An express train covers a distance of $871\frac{1}{2}$ km in $11\frac{1}{2}$ hours.Find the distance covered by the train in an hour. **Q8** A vessel contains 20 kg of diluted milk of which $\frac{2}{3}$ is pure is and the rest is water. What is the amount of water in the vessel? **Q9** Simplify: $\frac{2}{3} + \{2/5 \div (4/7 - 1/4)\}$. **Q10** Prove that 2585 and 2617 are divisible by 11,but 962 is not divisible by 11. **Q11** Write 412, 636, 1000, 539, 433, 890, 185 and 364 in Roman numeral. **Q12** Write nineteen million two thousand fifty six in numeral. **Q13** Find the greatest number that will divide each of 90,108 and 126 without leaving a remainder. **Q14** Find the smallest number which when divided by 6,8,12,15 and 20 leaves the same remainder 5. **Q15** In a zoo three lions roar together at 9 a.m .If the lions roar regularly at the intervals of 10,15 and 1 minutes respectively then at what time will they roar together again? **Q16** Find the product of the least number and the greatest number of three digits which can be formed with the digits 9,3 and 5.. **Q17**A factory produces 13780 bulbs every day.How many bulbs will be produced in 278 days? **Q18** Express $\frac{1}{5}$., $\frac{1}{2}$ $\frac{1}{8}$., $\frac{1}{16}$, $\frac{7}{8}$, $\frac{12}{5}$ as decimal fractions.. **Q19** Round off 154, 659., 984 , 1985 to the nearest hundred. **Q20** If 15 copies of a book cost Rs 148.50 , what is the cost of one copy of the book? **Q21** Convert the given temperatures to Celsius scale : a 122° F. b 77° F. c 41° F. d 176° . **Q22** During the day the temperature in a town was 40° C. At night the temperature came down by 10° F. What was the night- time temperature in Fahrenheit scale? **Q23** How many bricks will be required to lay a path 120m long and 2.4 m broad if a brick is 24 cm long and 15 cm wide? **Q24** Find the area of a square of side 20 m. **Q25** Show that the volume of cube ,whose each edge measures 12m,is 9 times the volume of a cuboid of dimensions 8m x 6m x 4m. **Q26** Find of cube whose each edge is 6cm. **Q27** A packet is 10 cm long ,6 cm wide and 4 cm high. Find the volume of the packet. **Q 28** Anuj got 90% marks.The maximum marks for the test was 1050.Find Anuj's total marks. **Q29** Rama is 150cm tall.Piya is 10% taller than Rama.How tall is Piya? **Q30** A man bought a machine for Rs 12175 and paid Rs 450 for transporting it to his town.He sold it for Rs 14800 .What was his profit? **Q31** A pen is bought for Rs 35.50 and sold it at Rs 41.25 .Find his profit or loss. **Q32** A shopkeeper suffers a loss of Rs 2527 by selling a TV for Rs 34,500 What was the cost price of the TV? **Q33** By selling an article for Rs 638,there is a loss of Rs 42.What was the cost price of the article? **Q34** Sukhvinder bought a chair for Rs 2250 and spent Rs 150 on its transportation.He sold it for Rs 2250.00 .Find his profit or loss. **Q35** Express the following speeds in metres per second: a 36km/hr. b 60 km/hr. c 126km/hr. d 30km/hr. e 54 km/ hr. **Q36** If Disha runs at a speed of 25km/ hr, how long will she take to run a 800 metre race?