

DELHI PUBLIC SCHOOL JAMMU
SESSION 2017-2018
REVISION SHEET (PT-III)

SUBJECT- MATHEMATICS

CLASS - V

Choose the correct option:

Q1. Which pair of fractions is equivalent?

(a) $\frac{2}{5}$ and $\frac{1}{5}$

(b) $\frac{10}{3}$ and $\frac{3}{10}$

(c) $\frac{3}{7}$ and $\frac{6}{14}$

Q2. Which of the following pairs are twin prime numbers?

(a) 16 and 18

(b) 13 and 14

(c) 29 and 31

Q3. HCF of 31 and 7 is _____

(a) 1

(b) 7

(c) 31

Q4. $\frac{12}{36}$ reduced to the lowest terms is _____

(a) $\frac{1}{3}$

(b) $\frac{4}{12}$

(c) $\frac{6}{18}$

Q5. Which one of the following is the smallest fraction?

(a) $\frac{5}{2}$

(b) $\frac{5}{7}$

(c) $\frac{5}{8}$

Q6. Prime factorization of 28 = 2 × ____ × ____

(a) 2 × 5

(b) 2 × 7

(c) 2 × 2

Q7. Which of the following pairs are co-prime numbers?

(a) 13 and 18

(b) 21 and 3

(c) 12 and 20

Q8. $1\frac{1}{18} \times \underline{\hspace{1cm}} = 0$

(a) 1

(b) 0

(c) $1\frac{1}{18}$

Q9. $\frac{3}{70}$ and $\frac{42}{70}$ are equivalent fractions.

(a) 4

(b) 5

(c) 6

Q10. $5 \times 7 = 35$; so 5 and 7 are _____ of 35

(a) multiples

(b) factors

(c) even numbers

Q11. Write prime numbers between 35 to 50.

Q12. Divide $\frac{11}{4}$ by 55

Q13. Reduce to the lowest term and convert to mixed fraction

(a) $\frac{64}{28}$

(b) $\frac{108}{96}$

Q14. Find prime factorization of 210.

Q15. Write three equivalent fractions of $\frac{8}{10}$

Q16. Find the product of $1\frac{1}{4} \times \frac{2}{5} \times \frac{4}{5}$

Q17. Find the common factors of 20 and 45.

Q18. Find the greatest number which divides 198 and 315 exactly leaving no remainder.

Q19. Add $3\frac{2}{3} + 2\frac{2}{15} + 4\frac{2}{5}$

Q20. Subtract $3\frac{2}{7} - \frac{7}{8}$

Q21. Find the LCM of 24, 42 and 56 by common division method.

Q22. Multiply $9\frac{1}{3} \times 4\frac{2}{7}$

Q23. Find the HCF of 85, 125 and 250 by prime factorization method.

Q24. Find whether 23,584 is divisible by 11. (Show working).

Q25. Find the equivalent fraction $\frac{2}{6}$ with the

(a) Numerator 18

(b) Denominator 42

Q26. Find the product of $4\frac{2}{5}$ and $1\frac{1}{11}$ and divide it by $\frac{5}{24}$

Q27. The product of two numbers is 300. If their LCM is 60. Find their HCF.

Q28. Add $\frac{2}{11} + \frac{2}{5} + \frac{4}{55}$

Q29. Find the HCF of 200, 490 and 120 by long division method.

Q30. Arrange in descending order

$$\frac{3}{8}, \frac{3}{4}, \frac{1}{2}, \frac{5}{12}$$

Q31. The cost of $3\frac{1}{3}$ kg onions is Rs. 30. What is the cost of 1 kg onions?

Q32. Find the smallest number which is exactly divisible by 16, 28 and 40.

Q33. In a long jump competition, Sonali jumped $5\frac{2}{10}$ m and Anil jumped $4\frac{3}{10}$ m.

Who jumped more? How much more?

Q34. Find LCM of 30, 78 and 144 by common division method.

Q35. A notebook weighs $\frac{7}{12}$ kg. Find the weight of 24 such notebooks.