EduSahara™ Assignment

Name : Operations on Rational Numbers

Chapter : Rational Numbers

Grade : CBSE Grade VIII

1. Find the missing value in $\frac{4}{7} + \_\_\_\_\_ = \frac{1}{1}$

   (i) $\frac{3}{7}$ (ii) $\frac{3}{5}$ (iii) $\frac{1}{7}$ (iv) $\frac{5}{7}$ (v) $\frac{1}{3}$

2. Find the missing value in $\frac{12}{19} - \_\_\_\_\_ = \frac{3}{95}$

   (i) $\frac{4}{5}$ (ii) $\frac{3}{4}$ (iii) $\frac{3}{5}$ (iv) $\frac{2}{5}$ (v) $\frac{1}{2}$

3. Find the missing value in $\frac{7}{8} \times \_\_\_\_\_ = \frac{35}{72}$

   (i) $\frac{5}{9}$ (ii) $\frac{1}{2}$ (iii) $\frac{5}{8}$ (iv) $\frac{4}{9}$ (v) $\frac{2}{3}$

4. Find the missing value in $\frac{13}{15} \div \_\_\_\_\_ = \frac{221}{15}$

   (i) $\frac{1}{15}$ (ii) $\frac{3}{17}$ (iii) $(\frac{-1}{17})$ (iv) $\frac{1}{17}$ (v) $\frac{1}{19}$

5. Find the missing value in $\frac{19}{18} + \_\_\_\_\_ = \frac{97}{45}$

   (i) $\frac{11}{8}$ (ii) $\frac{11}{12}$ (iii) $\frac{9}{10}$ (iv) $\frac{11}{10}$ (v) $\frac{13}{10}$

6. Find the missing value in $\frac{19}{7} - \_\_\_\_\_ = \frac{104}{77}$

   (i) $\frac{15}{11}$ (ii) $\frac{15}{13}$ (iii) $\frac{17}{11}$ (iv) $\frac{13}{11}$ (v) $\frac{5}{3}$

7. Find the missing value in $\frac{19}{13} \times \_\_\_\_\_ = \frac{323}{130}$

   (i) $\frac{19}{10}$ (ii) $\frac{3}{2}$ (iii) $\frac{17}{8}$ (iv) $\frac{17}{10}$ (v) $\frac{17}{12}$

8. Find the missing value in $\frac{15}{14} \div \_\_\_\_\_ = \frac{90}{133}$

   (i) $\frac{17}{12}$ (ii) $\frac{7}{4}$ (iii) $\frac{19}{14}$ (iv) $\frac{19}{10}$ (v) $\frac{19}{12}$

9. $\frac{6}{8} + 1 =$ _____

(i) $\frac{5}{4}$ (ii) $\frac{7}{4}$ (iii) $\frac{9}{4}$ (iv) $\frac{7}{6}$ (v) $\frac{7}{2}$

10. $12\frac{1}{2} - 12 =$ _____

(i) $\frac{1}{4}$ (ii) $(\frac{-1}{2})$ (iii) 1 (iv) $\frac{1}{2}$ (v) $\frac{3}{2}$

11. $\frac{3}{9} \times 11 =$ _____

(i) $\frac{11}{5}$ (ii) 11 (iii) $\frac{11}{3}$ (iv) $\frac{13}{3}$ (v) 3

12. $\frac{1}{4} \div 3 =$ _____

(i) $\frac{1}{12}$ (ii) $(\frac{-1}{12})$ (iii) $\frac{1}{4}$ (iv) $\frac{1}{14}$ (v) $\frac{1}{10}$

13. $\frac{7}{3} + 18 =$ _____

(i) 61 (ii) $\frac{59}{3}$ (iii) $\frac{61}{3}$ (iv) $\frac{61}{5}$ (v) 21

14. $\frac{183}{13} - 13 =$ _____

(i) $\frac{14}{15}$ (ii) $\frac{12}{13}$ (iii) $\frac{14}{13}$ (iv) $\frac{14}{11}$ (v) $\frac{16}{13}$

15. $\frac{14}{9} \times 6 =$ _____

(i) $\frac{28}{3}$ (ii) 28 (iii) 10 (iv) $\frac{28}{5}$ (v) $\frac{26}{3}$

16. $\frac{10}{1} \div 1 =$ _____

(i) 11 (ii) 9 (iii) 13 (iv) 10 (v) 7

17. $18 + \frac{5}{15} =$ _____

(i) 55 (ii) 11 (iii) $\frac{53}{3}$ (iv) 19 (v) $\frac{55}{3}$

18. $19 - \frac{6}{7} =$ _____

(i) $\frac{127}{5}$ (ii) $\frac{127}{9}$ (iii) $\frac{129}{7}$ (iv) $\frac{127}{7}$ (v) $\frac{125}{7}$

19. $20 \times \frac{6}{12} =$ _____

(i) 9 (ii) 11 (iii) 13 (iv) 10 (v) 7

20. $19 \div \frac{11}{14} =$ _____

(i) 24 (ii) $\frac{266}{9}$ (iii) $\frac{266}{13}$ (iv) $\frac{266}{11}$ (v) $\frac{268}{11}$

21. $13 + \frac{15}{1} =$ _____

(i) 26 (ii) 28 (iii) 27 (iv) 29 (v) 31

22. $13 - \frac{16}{7} =$ _____

(i) $\frac{73}{7}$ (ii) $\frac{75}{7}$ (iii) $\frac{25}{3}$ (iv) 11 (v) 15

23. $6 \times \frac{7}{2} =$ _____

(i) 20 (ii) 18 (iii) 22 (iv) 21 (v) 24

24. $15 \div \frac{20}{3} =$ _____

(i) $\frac{11}{4}$ (ii) $\frac{9}{4}$ (iii) $\frac{3}{2}$ (iv) $\frac{9}{2}$ (v) $\frac{7}{4}$

Assignment Key

1) (i)	2) (iii)	3) (i)	4) (iv)	5) (iv)	6) (i)
7) (iv)	8) (v)	9) (ii)	10) (iv)	11) (iii)	12) (i)
13) (iii)	14) (iii)	15) (i)	16) (iv)	17) (v)	18) (iv)
19) (iv)	20) (iv)	21) (ii)	22) (ii)	23) (iv)	24) (ii)