EduSahara™ Assignment

Name : Operations on Rational Numbers

Chapter : Rational Numbers

Grade : CBSE Grade VIII

1. Find the missing value in $\frac{1}{3} + \_\_\_\_\_ = \frac{19}{21}$

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

2. Find the missing value in $\frac{4}{5} - \_\_\_\_\_ = \frac{3}{10}$

   (i) $\frac{4}{7}$ (ii) $\frac{3}{8}$ (iii) $\frac{4}{9}$ (iv) $\frac{5}{8}$ (v) $\frac{1}{2}$

3. Find the missing value in $\frac{6}{9} \times \_\_\_\_\_ = \frac{1}{6}$

   (i) $(\frac{-1}{4})$ (ii) $\frac{1}{6}$ (iii) $\frac{1}{2}$ (iv) $\frac{1}{4}$ (v) $\frac{3}{4}$

4. Find the missing value in $\frac{7}{9} \div \_\_\_\_\_ = \frac{14}{9}$

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

5. Find the missing value in $\frac{17}{8} + \_\_\_\_\_ = \frac{79}{24}$

   (i) $\frac{7}{4}$ (ii) $\frac{5}{6}$ (iii) $\frac{7}{8}$ (iv) $\frac{3}{2}$ (v) $\frac{7}{6}$

6. Find the missing value in $\frac{7}{4} - \_\_\_\_\_ = \frac{19}{36}$

   (i) 1 (ii) $\frac{11}{9}$ (iii) $\frac{11}{7}$ (iv) $\frac{13}{9}$

7. Find the missing value in $\frac{19}{17} \times \_\_\_\_\_ = \frac{19}{5}$

   (i) $\frac{19}{5}$ (ii) $\frac{17}{7}$ (iii) 3 (iv) $\frac{17}{3}$ (v) $\frac{17}{5}$

8. Find the missing value in $\frac{13}{9} \div \_\_\_\_\_ = \frac{91}{153}$

   (i) $\frac{17}{5}$ (ii) $\frac{17}{9}$ (iii) $\frac{17}{7}$ (iv) $\frac{19}{7}$ (v) $\frac{15}{7}$

9. $\frac{1}{4} + 4 =$ _____

(i) $\frac{17}{2}$ (ii) $\frac{19}{4}$ (iii) $\frac{15}{4}$ (iv) $\frac{17}{4}$ (v) $\frac{17}{6}$

10. $8\frac{15}{16} - 8 =$ _____

(i) $\frac{15}{14}$ (ii) $\frac{5}{6}$ (iii) $\frac{15}{16}$ (iv) $\frac{13}{16}$ (v) $\frac{17}{16}$

11. $\frac{4}{6} \times 14 =$ _____

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

12. $\frac{2}{6} \div 1 =$ _____

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

13. $\frac{10}{1} + 5 =$ _____

(i) 15 (ii) 13 (iii) 16 (iv) 14 (v) 18

14. $31 - 18 =$ _____

(i) 14 (ii) 16 (iii) 13 (iv) 11 (v) 12

15. $\frac{5}{4} \times 19 =$ _____

(i) $\frac{97}{4}$ (ii) $\frac{93}{4}$ (iii) $\frac{95}{4}$ (iv) $\frac{95}{6}$ (v) $\frac{95}{2}$

16. $\frac{14}{13} \div 2 =$ _____

(i) $\frac{9}{13}$ (ii) $\frac{7}{15}$ (iii) $\frac{5}{13}$ (iv) $\frac{7}{13}$ (v) $\frac{7}{11}$

17. $5 + \frac{2}{3} =$ _____

(i) $\frac{17}{5}$ (ii) $\frac{19}{3}$ (iii) 5 (iv) 17 (v) $\frac{17}{3}$

18. $11 - \frac{3}{5} =$ _____

(i) $\frac{52}{7}$ (ii) 10 (iii) $\frac{54}{5}$ (iv) $\frac{52}{3}$ (v) $\frac{52}{5}$

19. $11 \times \frac{6}{7} =$ _____

(i) $\frac{68}{7}$ (ii) $\frac{64}{7}$ (iii) $\frac{66}{7}$ (iv) $\frac{22}{3}$ (v) $\frac{66}{5}$

20. $12 \div \frac{4}{10} =$ _____

(i) 32 (ii) 27 (iii) 30 (iv) 31 (v) 29

21. $15 + \frac{15}{14} =$ _____

(i) $\frac{75}{4}$ (ii) $\frac{225}{16}$ (iii) $\frac{227}{14}$ (iv) $\frac{223}{14}$ (v) $\frac{225}{14}$

22. $29 - \frac{12}{1} =$ _____

(i) 18 (ii) 17 (iii) 16 (iv) 19 (v) 14

23. $6 \times \frac{9}{2} =$ _____

(i) 25 (ii) 28 (iii) 27 (iv) 26 (v) 30

24. $7 \div \frac{15}{4} =$ _____

(i) $\frac{28}{17}$ (ii) $\frac{28}{15}$ (iii) $\frac{28}{13}$ (iv) $\frac{26}{15}$ (v) 2

Assignment Key

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