EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Fractions

Grade : ICSE Grade VII

1. Find the missing value in $14\frac{4}{5} - \_\_\_\_\_ = 8\frac{18}{35}$

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

2. $\frac{9}{13} \div 12 = \_\_\_\_\_$

   (i) $\frac{1}{18}$ (ii) $\frac{3}{50}$ (iii) $\frac{1}{52}$ (iv) $\frac{5}{52}$ (v) $\frac{3}{52}$

3. Which of the following is a decimal fraction?

   (i) $\frac{14}{9}$ (ii) $\frac{9}{10000}$ (iii) $\frac{11}{18}$ (iv) $12\frac{15}{19}$ (v) $17\frac{5}{8}$

4. $4 - \frac{14}{16} = \_\_\_\_\_$

   (i) $\frac{25}{6}$ (ii) $\frac{5}{2}$ (iii) $\frac{25}{8}$ (iv) $\frac{23}{8}$ (v) $\frac{27}{8}$

5. Which of the following is a complex fraction?

   (i) $21\frac{1}{2}$ (ii) $\frac{2}{4}$ (iii) $4\frac{5}{9}$ (iv) $\frac{11}{6}$ (v) $\frac{(\frac{3}{8})}{2}$

6. Which of the following is a decimal fraction?

   (i) $\frac{10}{19}$ (ii) $12\frac{5}{12}$ (iii) $15\frac{5}{11}$ (iv) $\frac{8}{7}$ (v) $\frac{9}{100}$

7. $7\frac{9}{10} \times 20 = \_\_\_\_\_$

   (i) 155 (ii) 160 (iii) 159 (iv) 158 (v) 157

8. Which of the following is true?

   (i) $41\frac{7}{9} < 13\frac{1}{8}$ (ii) $43\frac{3}{8} > 36\frac{9}{13}$ (iii) $19\frac{17}{40} > 31\frac{24}{37}$ (iv) $25\frac{5}{8} < 17\frac{11}{14}$ (v) $7\frac{9}{19} > 22\frac{17}{23}$

9. Find the missing value in $\frac{10}{3} + \_\_\_\_\_ = \frac{92}{15}$

   (i) 2 (ii) $\frac{14}{5}$ (iii) $\frac{14}{3}$ (iv) $\frac{16}{5}$ (v) $\frac{12}{5}$

10. $5\frac{3}{4} \times 4\frac{2}{7} =$

(i) $22\frac{9}{14}$ (ii) $24\frac{9}{14}$ (iii) $25\frac{9}{14}$ (iv) $26\frac{9}{14}$ (v) $23\frac{9}{14}$

11. Find the missing value in $\frac{15}{13} \times \_\_\_\_\_ = \frac{35}{26}$

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

12. Find the equivalent fraction of $\frac{19}{7}$ with numerator 171

(i) $\frac{171}{63}$ (ii) $\frac{171}{21}$ (iii) $\frac{171}{28}$ (iv) $\frac{171}{42}$ (v) $\frac{171}{35}$

13. $19 + \frac{12}{5} = \_\_\_\_\_$

(i) $\frac{107}{7}$ (ii) $\frac{107}{5}$ (iii) $\frac{107}{3}$ (iv) 21 (v) $\frac{109}{5}$

14. $\frac{11}{4} + 11 = \_\_\_\_\_$

(i) $\frac{55}{4}$ (ii) $\frac{55}{6}$ (iii) $\frac{55}{2}$ (iv) $\frac{53}{4}$ (v) $\frac{57}{4}$

15. The integer part in the fraction $3\frac{8}{9}$ is

(i) 8 (ii) 3 (iii) 9 (iv) 10

16. Find the missing value in $\frac{2}{4} \div \_\_\_\_\_ = \frac{10}{19}$

(i) $\frac{21}{20}$ (ii) $\frac{19}{22}$ (iii) $\frac{19}{18}$ (iv) $\frac{17}{20}$ (v) $\frac{19}{20}$

17. Which of the following are true?

a) $\frac{7}{9} \times (\frac{49}{15} \times \frac{19}{13}) = (\frac{7}{9} \times \frac{49}{15}) \times \frac{19}{13}$

b) $\frac{7}{9} + (\frac{20}{7} + \frac{19}{12}) = (\frac{7}{9} + \frac{20}{7}) + \frac{19}{12}$

c) $\frac{7}{3} - (\frac{20}{7} - \frac{1}{17}) = (\frac{7}{3} - \frac{20}{7}) - \frac{1}{17}$

d) $\frac{7}{3} \div (\frac{49}{15} \div \frac{17}{2}) = (\frac{7}{3} \div \frac{49}{15}) \div \frac{17}{2}$

(i) {c,d,a} (ii) {d,b} (iii) {a,b} (iv) {c,a} (v) {c,b,a}

18. Convert $\frac{16}{13}$ to mixed fraction

(i) $1\frac{3}{13}$ (ii) $1\frac{1}{15}$ (iii) $1\frac{5}{11}$ (iv) $1\frac{1}{13}$ (v) $1\frac{5}{13}$

19. The like fraction of $\frac{3}{7}$ is

(i) $\frac{5}{6}$ (ii) $\frac{5}{8}$ (iii) $\frac{5}{10}$ (iv) $\frac{5}{9}$ (v) $\frac{5}{7}$

20. $9 - 7 =$ _____

(i) 3 (ii) 4 (iii) 1 (iv) 2 (v) -1

21. Reduce the fraction $\frac{1296}{3456}$

(i) $\frac{5}{8}$ (ii) $\frac{1}{2}$ (iii) $\frac{3}{10}$ (iv) $\frac{3}{8}$ (v) $\frac{1}{8}$

22. Find the missing value in $\frac{8}{9} +$ _____ $= \frac{76}{45}$

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

23. Find the missing value in $\frac{2}{7} \times$ _____ $= \frac{4}{21}$

(i) $\frac{2}{3}$ (ii) $\frac{4}{3}$ (iii) 0 (iv) 2 (v) $\frac{2}{5}$

Find the value of

24. $\frac{17}{6} + 6\frac{2}{3} \div \frac{10}{3} + \frac{11}{3} + 7\frac{1}{2} \div \frac{5}{2} + 14 \div \frac{7}{2} - 12\frac{2}{3} \div \frac{19}{6} - \frac{7}{3}$

(i) $\frac{19}{2}$ (ii) $\frac{53}{6}$ (iii) $\frac{37}{4}$ (iv) $\frac{73}{8}$ (v) $\frac{55}{6}$

25. Which of the following are true?

a) $\frac{13}{12} + \frac{135}{16} = \frac{135}{16} + \frac{13}{12}$

b) $\frac{7}{18} \div \frac{49}{6} = \frac{49}{6} \div \frac{7}{18}$

c) $\frac{7}{18} - \frac{135}{16} = \frac{135}{16} - \frac{7}{18}$

d) $\frac{13}{12} \times \frac{49}{6} = \frac{49}{6} \times \frac{13}{12}$

(i) {b,a} (ii) {c,d} (iii) {b,d,a} (iv) {b,c,a} (v) {a,d}

Assignment Key

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