EduSahara™ Assignment

Name : Fraction Concepts

Chapter : Fractions and Decimals

Grade : CBSE Grade VII

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1. The reciprocal of $\frac{6}{7}$ is

   (i) $(\frac{-5}{6})$ (ii) $3\frac{1}{6}$ (iii) $\frac{7}{6}$ (iv) $2\frac{1}{6}$ (v) $\frac{1}{6}$

2. The like fraction of $\frac{4}{6}$ is

   (i) $\frac{3}{6}$ (ii) $\frac{3}{9}$ (iii) $\frac{3}{5}$ (iv) $\frac{3}{8}$ (v) $\frac{3}{7}$

3. The equivalent fraction of $\frac{1}{2}$ is

   (i) $\frac{8}{17}$ (ii) $\frac{10}{19}$ (iii) $\frac{9}{18}$ (iv) $\frac{10}{17}$ (v) $\frac{8}{18}$

4. $\frac{5}{9}$ of 189 is

   (i) 115 (ii) 90 (iii) 105 (iv) 95 (v) 120

5. $\frac{9}{2}$ of _____ is 297

   (i) 76 (ii) 66 (iii) 81 (iv) 56 (v) 51

6. Convert $\frac{14}{5}$ to mixed fraction

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

7. Convert $1\frac{4}{13}$ to improper fraction

   (i) $\frac{15}{13}$ (ii) $\frac{17}{13}$ (iii) $\frac{19}{15}$ (iv) $\frac{19}{13}$ (v) $\frac{15}{11}$

8. Identify the proper fraction

   (i) $7\frac{6}{11}$ (ii) $\frac{16}{19}$ (iii) $\frac{15}{13}$ (iv) $\frac{11}{7}$ (v) $3\frac{7}{10}$

9. Identify the improper fraction

   (i) $\frac{2}{5}$ (ii) $\frac{7}{4}$ (iii) $14\frac{9}{16}$ (iv) $\frac{4}{13}$ (v) $21\frac{7}{8}$

10. Identify the mixed fraction

(i) $20\frac{2}{3}$ (ii) $\frac{17}{11}$ (iii) $\frac{1}{2}$ (iv) $\frac{2}{10}$ (v) $\frac{15}{11}$

11. The simplest form of the fraction $\frac{4}{10}$ is

(i) $\frac{4}{5}$ (ii) $\frac{2}{7}$ (iii) $\frac{2}{5}$ (iv) 0 (v) $\frac{2}{3}$

12. The unlike fraction of $\frac{6}{7}$ is

(i) $\frac{6}{7}$ (ii) $\frac{9}{7}$ (iii) $\frac{10}{7}$ (iv) $\frac{8}{7}$ (v) $\frac{7}{17}$

13. Which of the following pairs are like fractions?

(i) $\frac{1}{14}, \frac{5}{14}$ (ii) $\frac{2}{8}, \frac{1}{2}$ (iii) $\frac{3}{4}, \frac{4}{13}$ (iv) $\frac{6}{19}, \frac{19}{24}$ (v) $\frac{7}{14}, \frac{14}{17}$

14. Which of the following pairs are unlike fractions?

(i) $\frac{5}{7}, \frac{1}{7}$ (ii) $\frac{3}{16}, \frac{16}{23}$ (iii) $\frac{4}{8}, \frac{3}{8}$ (iv) $\frac{9}{15}, \frac{14}{15}$ (v) $\frac{8}{18}, \frac{3}{18}$

15. Find the equivalent fraction of $\frac{3}{2}$ with numerator 24

(i) $\frac{24}{16}$ (ii) $\frac{24}{10}$ (iii) $\frac{24}{8}$ (iv) $\frac{24}{12}$ (v) $\frac{24}{6}$

16. Find the equivalent fraction of $\frac{4}{19}$ with denominator 38

(i) $\frac{28}{38}$ (ii) $\frac{16}{38}$ (iii) $\frac{20}{38}$ (iv) $\frac{8}{38}$ (v) $\frac{24}{38}$

17. Find the equivalent fraction of $\frac{9}{7}$ with numerator 27

(i) $\frac{27}{35}$ (ii) $\frac{27}{21}$ (iii) $\frac{27}{42}$ (iv) $\frac{27}{28}$ (v) $\frac{27}{49}$

18. Find the equivalent fraction of $\frac{3}{2}$ with numerator 30

(i) $\frac{18}{20}$ (ii) $\frac{12}{20}$ (iii) $\frac{30}{20}$ (iv) $\frac{9}{20}$ (v) $\frac{15}{20}$

19. Reduce the fraction $\frac{45696}{51072}$

(i) $\frac{17}{19}$ (ii) $\frac{15}{19}$ (iii) $\frac{17}{21}$ (iv) 1

20. Which of the following is a unit fraction?

(i) $9\frac{2}{7}$ (ii) $\frac{4}{10}$ (iii) $\frac{1}{15}$ (iv) $4\frac{7}{11}$ (v) $\frac{9}{5}$

21. Which of the following is a decimal fraction?

(i) $\frac{8}{10}$ (ii) $21\frac{3}{4}$ (iii) $14\frac{12}{13}$ (iv) $\frac{6}{7}$ (v) $\frac{19}{15}$

22. Which of the following is a decimal fraction?

(i) $6\frac{7}{16}$ (ii) $\frac{7}{2}$ (iii) $\frac{2}{4}$ (iv) $\frac{8}{100}$ (v) $14\frac{15}{17}$

23. Which of the following is a decimal fraction?

(i) $\frac{19}{8}$ (ii) $\frac{5}{1000}$ (iii) $4\frac{8}{9}$ (iv) $\frac{1}{8}$ (v) $8\frac{2}{11}$

24. Which of the following is a decimal fraction?

(i) $\frac{4}{12}$ (ii) $\frac{8}{10000}$ (iii) $\frac{11}{8}$ (iv) $12\frac{2}{5}$ (v) $8\frac{6}{11}$

25. Which of the following is a complex fraction?

(i) $\frac{(\frac{7}{6})}{4}$ (ii) $\frac{1}{3}$ (iii) $20\frac{9}{13}$ (iv) $12\frac{4}{17}$ (v) $\frac{16}{11}$

26. The ascending order of $\frac{3}{6}, \frac{2}{4}, \frac{2}{5}, \frac{6}{8}, \frac{1}{2}, \frac{1}{5}$ is

(i) $\frac{2}{5}, \frac{6}{8}, \frac{1}{5}, \frac{3}{6}, \frac{1}{2}, \frac{2}{4}$ (ii) $\frac{1}{5}, \frac{2}{5}, \frac{3}{6}, \frac{1}{2}, \frac{2}{4}, \frac{6}{8}$ (iii) $\frac{1}{2}, \frac{6}{8}, \frac{3}{6}, \frac{2}{5}, \frac{2}{4}, \frac{1}{5}$ (iv) $\frac{2}{4}, \frac{3}{6}, \frac{1}{2}, \frac{6}{8}, \frac{1}{5}, \frac{2}{5}$

(v) $\frac{1}{2}, \frac{1}{5}, \frac{2}{4}, \frac{6}{8}, \frac{3}{6}, \frac{2}{5}$

27. The descending order of $\frac{7}{8}, \frac{1}{2}, \frac{1}{2}, \frac{3}{7}, \frac{5}{7}, \frac{1}{2}$ is

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

(v) $\frac{1}{2}, \frac{1}{2}, \frac{3}{7}, \frac{1}{2}, \frac{7}{8}, \frac{5}{7}$

28. Which of the following is true?

(i) $\frac{11}{14} < \frac{11}{19}$ (ii) $\frac{2}{12} < \frac{6}{17}$ (iii) $\frac{8}{15} > \frac{9}{13}$ (iv) $\frac{15}{17} < \frac{4}{18}$ (v) $\frac{4}{5} > \frac{11}{13}$

29. Which of the following is true?

(i) $\frac{37}{30} < \frac{34}{7}$ (ii) $\frac{25}{9} < \frac{34}{19}$ (iii) $\frac{11}{3} > \frac{17}{4}$ (iv) $\frac{37}{29} > \frac{17}{13}$ (v) $\frac{35}{23} < \frac{38}{29}$

30. Which of the following is true?

(i) $24\frac{9}{11} < 28\frac{16}{23}$ (ii) $25\frac{27}{35} > 42\frac{3}{5}$ (iii) $14\frac{19}{30} > 29\frac{5}{6}$ (iv) $21\frac{5}{7} < 14\frac{11}{20}$ (v) $26\frac{23}{28} > 35\frac{9}{29}$

Assignment Key

1) (iii)	2) (i)	3) (iii)	4) (iii)	5) (ii)	6) (iii)
7) (ii)	8) (ii)	9) (ii)	10) (i)	11) (iii)	12) (v)
13) (i)	14) (ii)	15) (i)	16) (iv)	17) (ii)	18) (iii)
19) (i)	20) (iii)	21) (i)	22) (iv)	23) (ii)	24) (ii)
25) (i)	26) (ii)	27) (iv)	28) (ii)	29) (i)	30) (i)

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