EduSahara™ Assignment

Name : Fraction Miscellaneous

Chapter : Fractions

Grade : ICSE Grade VIII

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1. Identify the proper fraction

(i) $\frac{10}{11}$ (ii) $16\frac{4}{7}$ (iii) $\frac{7}{5}$ (iv) $3\frac{11}{20}$ (v) $\frac{17}{11}$

2. Identify the improper fraction

(i) $\frac{6}{10}$ (ii) $6\frac{9}{19}$ (iii) $\frac{16}{3}$ (iv) $\frac{10}{12}$ (v) $15\frac{1}{2}$

3. Identify the mixed fraction

(i) $\frac{1}{5}$ (ii) $\frac{9}{2}$ (iii) $\frac{7}{14}$ (iv) $\frac{15}{13}$ (v) $21\frac{1}{15}$

4. The unlike fraction of $\frac{14}{17}$ is

(i) $\frac{16}{17}$ (ii) $\frac{17}{24}$ (iii) $\frac{18}{17}$ (iv) $\frac{19}{17}$ (v) $\frac{20}{17}$

5. Which of the following pairs are like fractions?

(i) $\frac{1}{4}, \frac{2}{3}$ (ii) $\frac{16}{18}, \frac{9}{10}$ (iii) $\frac{1}{12}, \frac{2}{3}$ (iv) $\frac{7}{15}, \frac{10}{15}$ (v) $\frac{1}{7}, \frac{7}{13}$

6. Which of the following pairs are unlike fractions?

(i) $\frac{7}{8}, \frac{1}{8}$ (ii) $\frac{5}{8}, \frac{2}{8}$ (iii) $\frac{5}{7}, \frac{7}{15}$ (iv) $\frac{2}{6}, \frac{4}{6}$ (v) $\frac{13}{15}, \frac{9}{15}$

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

(i) $\frac{3}{24}$ (ii) $\frac{5}{23}$ (iii) $\frac{4}{24}$ (iv) $\frac{3}{23}$ (v) $\frac{5}{25}$

8. The reciprocal of $\frac{4}{3}$ is

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

9. $\frac{7}{8}$ of 40 is

(i) 35 (ii) 25 (iii) 50 (iv) 20 (v) 45

10. $\frac{7}{5}$ of _____ is 105

(i) 75 (ii) 90 (iii) 60 (iv) 85 (v) 65

11. The simplest form of the fraction $\frac{20}{80}$ is

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

12. Find the equivalent fraction of $\frac{3}{13}$ with numerator 3

(i) $\frac{3}{91}$ (ii) $\frac{3}{65}$ (iii) $\frac{3}{78}$ (iv) $\frac{3}{52}$ (v) $\frac{3}{13}$

13. Find the equivalent fraction of $\frac{4}{15}$ with denominator 150

(i) $\frac{40}{150}$ (ii) $\frac{12}{150}$ (iii) $\frac{16}{150}$ (iv) $\frac{20}{150}$ (v) $\frac{24}{150}$

14. Find the equivalent fraction of $\frac{11}{5}$ with numerator 88

(i) $\frac{88}{15}$ (ii) $\frac{88}{30}$ (iii) $\frac{88}{40}$ (iv) $\frac{88}{25}$ (v) $\frac{88}{20}$

15. Find the equivalent fraction of $\frac{19}{2}$ with numerator 57

(i) $\frac{95}{6}$ (ii) $\frac{114}{6}$ (iii) $\frac{76}{6}$ (iv) $\frac{133}{6}$ (v) $\frac{57}{6}$

16. Reduce the fraction $\frac{3840}{4800}$

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

17. Which of the following is a unit fraction?

(i) $\frac{19}{9}$ (ii) $19\frac{11}{15}$ (iii) $\frac{18}{19}$ (iv) $\frac{1}{8}$ (v) $19\frac{7}{16}$

18. Which of the following is a complex fraction?

(i) $12\frac{3}{14}$ (ii) $\frac{(\frac{8}{-6})}{7}$ (iii) $19\frac{8}{13}$ (iv) $\frac{2}{5}$ (v) $\frac{19}{8}$

Assignment Key

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

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