

EduSahara™ Learning Center Assignment**Grade : Class VIII, ICSE****Chapter : Fractions****Name : Fraction Miscellaneous****Licensed To : Teachers and Students for non-commercial use**

1. Identify the proper fraction

- (i) $\frac{13}{7}$ (ii) $10\frac{5}{19}$ (iii) $\frac{19}{8}$ (iv) $\frac{10}{12}$ (v) $18\frac{11}{12}$
-

2. Identify the improper fraction

- (i) $16\frac{1}{8}$ (ii) $\frac{3}{5}$ (iii) $\frac{3}{9}$ (iv) $\frac{19}{5}$ (v) $20\frac{6}{13}$
-

3. Identify the mixed fraction

- (i) $17\frac{7}{11}$ (ii) $\frac{2}{20}$ (iii) $\frac{10}{3}$ (iv) $\frac{7}{9}$ (v) $\frac{18}{7}$
-

4. The unlike fraction of $\frac{11}{12}$ is

- (i) $\frac{13}{12}$ (ii) $\frac{14}{12}$ (iii) $\frac{4}{5}$ (iv) $\frac{11}{12}$ (v) $\frac{15}{12}$
-

5. Which of the following pairs are like fractions?

- (i) $\frac{7}{8}, \frac{4}{7}$ (ii) $\frac{1}{10}, \frac{7}{10}$ (iii) $\frac{2}{17}, \frac{17}{26}$ (iv) $\frac{4}{7}, \frac{7}{9}$ (v) $\frac{6}{12}, \frac{6}{7}$
-

6. Which of the following pairs are unlike fractions?

- (i) $\frac{7}{9}, \frac{9}{17}$ (ii) $\frac{5}{7}, \frac{6}{7}$ (iii) $\frac{1}{2}, \frac{1}{2}$
-

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

- (i) $\frac{6}{48}$ (ii) $\frac{8}{50}$ (iii) $\frac{7}{49}$ (iv) $\frac{8}{48}$ (v) $\frac{6}{49}$
-

8. The reciprocal of $\frac{5}{2}$ is

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

9. $\frac{5}{6}$ of 132 is

- (i) 95 (ii) 100 (iii) 125 (iv) 120 (v) 110
-

10. $\frac{5}{3}$ of _____ is 170

- (i) 102 (ii) 112 (iii) 117 (iv) 87 (v) 92
-

11. The simplest form of the fraction $\frac{90}{288}$ is

- (i) $\frac{5}{16}$ (ii) $\frac{5}{18}$ (iii) $\frac{3}{16}$ (iv) $\frac{5}{14}$ (v) $\frac{7}{16}$
-

12. Find the equivalent fraction of $\frac{5}{4}$ with numerator 45

- (i) $\frac{45}{16}$ (ii) $\frac{45}{20}$ (iii) $\frac{45}{12}$ (iv) $\frac{45}{24}$ (v) $\frac{45}{36}$
-

13. Find the equivalent fraction of $\frac{19}{8}$ with denominator 16

- (i) $\frac{114}{16}$ (ii) $\frac{38}{16}$ (iii) $\frac{133}{16}$ (iv) $\frac{95}{16}$ (v) $\frac{76}{16}$
-

14. Find the equivalent fraction of $\frac{6}{17}$ with numerator 42

- (i) $\frac{42}{85}$ (ii) $\frac{42}{68}$ (iii) $\frac{42}{51}$ (iv) $\frac{42}{119}$ (v) $\frac{42}{102}$
-

15. Find the equivalent fraction of $\frac{9}{7}$ with numerator 18

- (i) $\frac{54}{14}$ (ii) $\frac{18}{14}$ (iii) $\frac{45}{14}$ (iv) $\frac{36}{14}$ (v) $\frac{63}{14}$
-

16. Reduce the fraction $\frac{432}{504}$

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

17. Which of the following is a unit fraction?

- (i) $\frac{1}{18}$ (ii) $\frac{11}{6}$ (iii) $17\frac{5}{6}$ (iv) $\frac{2}{8}$ (v) $12\frac{4}{17}$
-

18. Which of the following is a complex fraction?

- (i) $12\frac{4}{9}$ (ii) $\frac{10}{15}$ (iii) $17\frac{3}{19}$ (iv) $\frac{18}{5}$ (v) $\frac{\left(\frac{9}{8}\right)}{6}$
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Assignment Key

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