EduSahara™ Learning Center Assignment

Grade : Class VII, ICSE
Chapter : Fractions
Name : Fraction Concepts
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1. Which of the following is a unit fraction?

(i) $\frac{1}{7}$ (ii) $3\frac{11}{14}$ (iii) $\frac{20}{3}$ (iv) $\frac{9}{11}$ (v) $13\frac{1}{5}$

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2. Which of the following is a decimal fraction?

(i) $\frac{9}{10}$ (ii) $15\frac{1}{3}$ (iii) $20\frac{10}{11}$ (iv) $\frac{19}{2}$ (v) $\frac{4}{7}$

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3. Which of the following is a decimal fraction?

(i) $9\frac{1}{8}$ (ii) $\frac{6}{100}$ (iii) $15\frac{5}{19}$ (iv) $\frac{19}{12}$ (v) $\frac{2}{3}$

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4. Which of the following is a decimal fraction?

(i) $\frac{15}{2}$ (ii) $8\frac{4}{9}$ (iii) $\frac{11}{13}$ (iv) $16\frac{1}{5}$ (v) $\frac{2}{1000}$

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5. Which of the following is a decimal fraction?

(i) $4\frac{3}{19}$ (ii) $\frac{8}{18}$ (iii) $19\frac{8}{9}$ (iv) $\frac{17}{9}$ (v) $\frac{7}{10000}$

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6. Which of the following is a vulgar fraction?

(i) $\frac{8}{2}$ (ii) $\frac{7}{1000}$ (iii) $\frac{6}{100}$ (iv) $\frac{5}{10000}$ (v) $\frac{2}{10}$

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7. Which of the following is a complex fraction?

(i) $\frac{13}{16}$ (ii) $13\frac{11}{18}$ (iii) $\frac{19}{17}$ (iv) $18\frac{2}{3}$ (v) $\frac{(\frac{6}{8})}{7}$

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8. The numerator in the fraction $\frac{55}{8}$ is

(i) 55 (ii) 56 (iii) 9 (iv) 8 (v) 0

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9. The denominator in the fraction $\frac{29}{3}$ is

(i) 30 (ii) 29 (iii) 4 (iv) 0 (v) 3

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10. The integer part in the fraction $2\frac{1}{7}$ is

(i) 2 (ii) 1 (iii) 7 (iv) 8

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11. The reciprocal of $\frac{9}{5}$ is

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

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12. The like fraction of $\frac{5}{8}$ is

(i) $\frac{4}{10}$ (ii) $\frac{4}{7}$ (iii) $\frac{4}{11}$ (iv) $\frac{4}{9}$ (v) $\frac{4}{8}$

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13. The equivalent fraction of $\frac{5}{7}$ is

(i) $\frac{11}{13}$ (ii) $\frac{11}{15}$ (iii) $\frac{10}{14}$ (iv) $\frac{9}{13}$ (v) $\frac{9}{14}$

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14. $\frac{5}{7}$ of 329 is

(i) 235 (ii) 220 (iii) 245 (iv) 225 (v) 250

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15. $\frac{7}{3}$ of _____ is 175

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

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16. Convert $\frac{17}{3}$ to mixed fraction

(i) 17 (ii) $3\frac{2}{5}$ (iii) $5\frac{2}{3}$ (iv) 5 (v) $6\frac{1}{3}$

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17. Convert $2\frac{1}{9}$ to improper fraction

(i) $\frac{17}{9}$ (ii) $\frac{23}{11}$ (iii) $\frac{15}{7}$ (iv) $\frac{19}{9}$ (v) $\frac{7}{3}$

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18. Identify the proper fraction

(i) $\frac{17}{11}$ (ii) $17\frac{1}{14}$ (iii) $8\frac{2}{15}$ (iv) $\frac{18}{11}$ (v) $\frac{12}{20}$

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19. Identify the improper fraction

(i) $\frac{13}{17}$ (ii) $\frac{19}{4}$ (iii) $14\frac{6}{11}$ (iv) $\frac{5}{6}$ (v) $18\frac{3}{20}$

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20. Identify the mixed fraction

(i) $5\frac{7}{13}$ (ii) $\frac{14}{3}$ (iii) $\frac{15}{7}$ (iv) $\frac{8}{12}$ (v) $\frac{4}{6}$

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21. The simplest form of the fraction $\frac{180}{240}$ is

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

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22. The unlike fraction of $\frac{2}{5}$ is

(i) $\frac{4}{5}$ (ii) $\frac{7}{5}$ (iii) $\frac{6}{5}$ (iv) $\frac{8}{5}$ (v) $\frac{5}{14}$

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23. Which of the following pairs are like fractions?

(i) $\frac{7}{13}, \frac{12}{13}$ (ii) $\frac{5}{9}, \frac{9}{17}$ (iii) $\frac{2}{3}, \frac{3}{5}$ (iv) $\frac{2}{5}, \frac{5}{14}$ (v) $\frac{1}{6}, \frac{3}{8}$

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24. Which of the following pairs are unlike fractions?

(i) $\frac{4}{13}, \frac{8}{13}$ (ii) $\frac{14}{19}, \frac{10}{19}$ (iii) $\frac{4}{5}, \frac{5}{12}$ (iv) $\frac{9}{16}, \frac{12}{16}$ (v) $\frac{3}{5}, \frac{2}{5}$

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25. Find the equivalent fraction of $\frac{3}{16}$ with numerator 24

(i) $\frac{24}{48}$ (ii) $\frac{24}{80}$ (iii) $\frac{24}{64}$ (iv) $\frac{24}{128}$ (v) $\frac{24}{96}$

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26. Find the equivalent fraction of $\frac{4}{3}$ with denominator 3

(i) $\frac{20}{3}$ (ii) $\frac{4}{3}$ (iii) $\frac{16}{3}$ (iv) $\frac{28}{3}$ (v) $\frac{24}{3}$

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27. Find the equivalent fraction of $\frac{7}{3}$ with numerator 14

(i) $\frac{14}{15}$ (ii) $\frac{14}{18}$ (iii) $\frac{14}{12}$ (iv) $\frac{14}{6}$ (v) $\frac{14}{21}$

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28. Find the equivalent fraction of $\frac{9}{13}$ with numerator 90

(i) $\frac{54}{130}$ (ii) $\frac{27}{130}$ (iii) $\frac{36}{130}$ (iv) $\frac{45}{130}$ (v) $\frac{90}{130}$

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29. Reduce the fraction $\frac{4480}{6720}$

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

Assignment Key

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