EduSahara™ Learning Center Assignment

Grade : Class VI, ICSE
Chapter : Fractions
Name : Concepts
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1. The numerator in the fraction $\frac{13}{2}$ is

   (i) 13 (ii) 2 (iii) 3 (iv) 14 (v) 0

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2. The denominator in the fraction $\frac{32}{9}$ is

   (i) 9 (ii) 32 (iii) 0 (iv) 33 (v) 10

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3. The integer part in the fraction $8\frac{1}{4}$ is

   (i) 1 (ii) 4 (iii) 5 (iv) 2 (v) 8

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4. The numerator in the fraction $\frac{29}{8}$ is

   (i) 0 (ii) 9 (iii) 30 (iv) 8 (v) 29

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5. The denominator in the fraction $\frac{21}{4}$ is

   (i) 4 (ii) 0 (iii) 5 (iv) 21 (v) 22

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6. The integer part in the fraction $6\frac{7}{9}$ is

   (i) 7 (ii) 6 (iii) 8 (iv) 9 (v) 10

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7. The numerator in the fraction $\frac{19}{3}$ is

   (i) 20 (ii) 4 (iii) 19 (iv) 3 (v) 0

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8. The denominator in the fraction $\frac{39}{4}$ is

   (i) 4 (ii) 39 (iii) 40 (iv) 5 (v) 0

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9. The integer part in the fraction $4\frac{5}{6}$ is

   (i) 4 (ii) 7 (iii) 6 (iv) 5

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10. The reciprocal of $\frac{7}{4}$ is

(i) $1\frac{4}{7}$ (ii) $(\frac{-3}{7})$ (iii) $(-1\frac{3}{7})$ (iv) $2\frac{4}{7}$ (v) $\frac{4}{7}$

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11. The additive inverse of $(\frac{-5}{4})$ is

(i) $\frac{4}{-5}$ (ii) $\frac{1}{4}$ (iii) $\frac{4}{5}$ (iv) 0 (v) $\frac{5}{4}$

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12. The multiplicative inverse of $\frac{9}{5}$ is

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

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13. The like fraction of $\frac{4}{7}$ is

(i) $\frac{3}{9}$ (ii) $\frac{3}{10}$ (iii) $\frac{3}{7}$ (iv) $\frac{3}{8}$ (v) $\frac{3}{6}$

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

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

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15. The reciprocal of $\frac{2}{3}$ is

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

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16. The additive inverse of $(\frac{-3}{8})$ is

(i) $\frac{8}{-3}$ (ii) $\frac{3}{8}$ (iii) $\frac{8}{3}$ (iv) $(\frac{-5}{8})$ (v) 0

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17. The multiplicative inverse of $(\frac{-7}{5})$ is

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

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18. The like fraction of $\frac{5}{20}$ is

(i) $\frac{14}{20}$ (ii) $\frac{14}{23}$ (iii) $\frac{14}{19}$ (iv) $\frac{14}{22}$ (v) $\frac{14}{21}$

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19. The equivalent fraction of $\frac{2}{7}$ is

(i) $\frac{15}{48}$ (ii) $\frac{15}{50}$ (iii) $\frac{13}{49}$ (iv) $\frac{14}{49}$ (v) $\frac{13}{48}$

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20. The reciprocal of $\frac{4}{5}$ is

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

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21. The additive inverse of $\frac{3}{2}$ is

(i) $\frac{2}{-3}$ (ii) 0 (iii) $(-2\frac{1}{2})$ (iv) $\frac{2}{3}$ (v) $(\frac{-3}{2})$

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22. The multiplicative inverse of $\frac{2}{5}$ is

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

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23. The like fraction of $\frac{12}{19}$ is

(i) $\frac{9}{21}$ (ii) $\frac{9}{22}$ (iii) $\frac{9}{20}$ (iv) $\frac{9}{18}$ (v) $\frac{9}{19}$

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24. The equivalent fraction of $\frac{5}{3}$ is

(i) $\frac{15}{9}$ (ii) $\frac{16}{10}$ (iii) $\frac{14}{9}$ (iv) $\frac{14}{8}$ (v) $\frac{16}{8}$

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25. Convert $\frac{13}{3}$ to mixed fraction

(i) 13 (ii) $3\frac{2}{3}$ (iii) 5 (iv) $4\frac{1}{3}$ (v) $2\frac{3}{5}$

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26. Convert $1\frac{9}{11}$ to improper fraction

(i) $\frac{18}{11}$ (ii) $\frac{20}{11}$ (iii) $\frac{22}{13}$ (iv) 2

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27. Identify the proper fraction

(i) $20\frac{1}{9}$ (ii) $24\frac{1}{3}$ (iii) $\frac{10}{9}$ (iv) $\frac{3}{14}$ (v) $\frac{19}{11}$

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28. Convert $\frac{11}{3}$ to mixed fraction

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

---

29. Convert $1\frac{3}{11}$ to improper fraction

(i) $\frac{16}{13}$ (ii) $\frac{4}{3}$ (iii) $\frac{12}{11}$ (iv) $\frac{16}{11}$ (v) $\frac{14}{11}$

---

30. Identify the proper fraction

(i) $7\frac{1}{3}$ (ii) $\frac{8}{7}$ (iii) $15\frac{7}{19}$ (iv) $\frac{4}{5}$ (v) $\frac{17}{10}$

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31. Convert $\frac{19}{11}$ to mixed fraction

(i) $2\frac{1}{9}$ (ii) $1\frac{6}{13}$ (iii) $1\frac{10}{11}$ (iv) $1\frac{6}{11}$ (v) $1\frac{8}{11}$

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32. Convert $1\frac{3}{13}$ to improper fraction

(i) $\frac{14}{11}$ (ii) $\frac{16}{13}$ (iii) $\frac{6}{5}$ (iv) $\frac{18}{13}$ (v) $\frac{14}{13}$

---

33. Identify the proper fraction

(i) $\frac{17}{5}$ (ii) $3\frac{5}{19}$ (iii) $\frac{13}{9}$ (iv) $21\frac{1}{3}$ (v) $\frac{7}{8}$

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34. Identify the improper fraction

(i) $\frac{4}{16}$ (ii) $6\frac{11}{16}$ (iii) $8\frac{4}{7}$ (iv) $\frac{11}{10}$ (v) $\frac{3}{8}$

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35. Identify the mixed fraction

(i) $13\frac{5}{6}$ (ii) $\frac{5}{16}$ (iii) $\frac{19}{11}$ (iv) $\frac{6}{9}$ (v) $\frac{16}{5}$

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36. Identify the improper fraction

(i) $\frac{3}{9}$ (ii) $\frac{13}{17}$ (iii) $\frac{19}{9}$ (iv) $15\frac{2}{5}$ (v) $19\frac{8}{9}$

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37. Identify the mixed fraction

(i) $\frac{17}{18}$ (ii) $\frac{19}{10}$ (iii) $\frac{2}{3}$ (iv) $11\frac{2}{11}$ (v) $\frac{9}{2}$

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38. Identify the improper fraction

(i) $18\frac{7}{15}$ (ii) $\frac{11}{17}$ (iii) $\frac{7}{19}$ (iv) $20\frac{4}{9}$ (v) $\frac{20}{19}$

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39. Identify the mixed fraction

(i) $\frac{1}{10}$ (ii) $\frac{19}{6}$ (iii) $\frac{6}{8}$ (iv) $3\frac{5}{13}$ (v) $\frac{17}{9}$

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40. Find the equivalent fraction of $\frac{11}{14}$ with denominator 70

(i) $\frac{55}{70}$ (ii) $\frac{66}{70}$ (iii) $\frac{33}{70}$ (iv) $\frac{77}{70}$ (v) $\frac{44}{70}$

41. Find the equivalent fraction of $\frac{14}{15}$ with numerator 70

(i) $\frac{70}{45}$ (ii) $\frac{70}{90}$ (iii) $\frac{70}{105}$ (iv) $\frac{70}{75}$ (v) $\frac{70}{60}$

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42. Find the equivalent fraction of $\frac{10}{7}$ with numerator 40

(i) $\frac{50}{28}$ (ii) $\frac{40}{28}$ (iii) $\frac{70}{28}$ (iv) $\frac{30}{28}$ (v) $\frac{60}{28}$

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43. Which of the following pairs are unlike fractions?

(i) $\frac{3}{6}, \frac{4}{6}$ (ii) $\frac{1}{4}, \frac{2}{5}$ (iii) $\frac{1}{8}, \frac{7}{8}$ (iv) $\frac{6}{11}, \frac{7}{11}$ (v) $\frac{14}{19}, \frac{2}{19}$

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44. Find the equivalent fraction of $\frac{13}{6}$ with numerator 130

(i) $\frac{130}{36}$ (ii) $\frac{130}{18}$ (iii) $\frac{130}{24}$ (iv) $\frac{130}{30}$ (v) $\frac{130}{60}$

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45. Find the equivalent fraction of $\frac{8}{19}$ with denominator 95

(i) $\frac{24}{95}$ (ii) $\frac{56}{95}$ (iii) $\frac{32}{95}$ (iv) $\frac{48}{95}$ (v) $\frac{40}{95}$

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46. Find the equivalent fraction of $\frac{4}{17}$ with numerator 20

(i) $\frac{20}{119}$ (ii) $\frac{20}{68}$ (iii) $\frac{20}{102}$ (iv) $\frac{20}{51}$ (v) $\frac{20}{85}$

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47. Find the equivalent fraction of $\frac{4}{19}$ with numerator 4

(i) $\frac{4}{19}$ (ii) $\frac{24}{19}$ (iii) $\frac{16}{19}$ (iv) $\frac{20}{19}$ (v) $\frac{28}{19}$

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48. Reduce the fraction $\frac{37632}{39984}$

(i) $\frac{18}{17}$ (ii) $\frac{16}{19}$ (iii) $\frac{16}{15}$ (iv) $\frac{16}{17}$ (v) $\frac{14}{17}$

Assignment Key

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

40) (i)
41) (iv)
42) (ii)
43) (ii)
44) (v)
45) (v)
46) (v)
47) (i)
48) (iv)