EduSahara™ Assignment

Name : Concepts

Chapter : Fractions

Grade : ICSE Grade VI



1. The numerator in the fraction $\frac{26}{3}$ is

   (i) 0 (ii) 4 (iii) 27 (iv) 26 (v) 3

2. The denominator in the fraction $\frac{46}{5}$ is

   (i) 0 (ii) 46 (iii) 5 (iv) 47 (v) 6

3. The integer part in the fraction $4\frac{2}{3}$ is

   (i) 3 (ii) 4 (iii) 2

4. The numerator in the fraction $\frac{13}{5}$ is

   (i) 13 (ii) 6 (iii) 14 (iv) 5 (v) 0

5. The denominator in the fraction $\frac{11}{8}$ is

   (i) 12 (ii) 0 (iii) 11 (iv) 8 (v) 9

6. The integer part in the fraction $5\frac{1}{8}$ is

   (i) 9 (ii) 8 (iii) 1 (iv) 5 (v) 2

7. The numerator in the fraction $\frac{31}{6}$ is

   (i) 6 (ii) 0 (iii) 31 (iv) 7 (v) 32

8. The denominator in the fraction $\frac{25}{2}$ is

   (i) 25 (ii) 0 (iii) 2 (iv) 3 (v) 26

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

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

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

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

11. The additive inverse of $(\frac{-5}{6})$ is

(i) $(\frac{-1}{6})$ (ii) $\frac{6}{5}$ (iii) 0 (iv) $\frac{5}{6}$ (v) $\frac{6}{-5}$

12. The multiplicative inverse of $(\frac{-2}{3})$ is

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

13. The like fraction of $\frac{9}{13}$ is

(i) $\frac{7}{14}$ (ii) $\frac{7}{12}$ (iii) $\frac{7}{15}$ (iv) $\frac{7}{13}$ (v) $\frac{7}{16}$

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

(i) $\frac{11}{71}$ (ii) $\frac{11}{69}$ (iii) $\frac{9}{69}$ (iv) $\frac{10}{70}$ (v) $\frac{9}{70}$

15. The reciprocal of $\frac{9}{8}$ is

(i) $(\frac{-1}{9})$ (ii) $2\frac{8}{9}$ (iii) $1\frac{8}{9}$ (iv) $(-1\frac{1}{9})$ (v) $\frac{8}{9}$

16. The additive inverse of $(\frac{-5}{3})$ is

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

17. The multiplicative inverse of $(\frac{-1}{6})$ is

(i) -4 (ii) $\frac{-6}{1}$ (iii) -8 (iv) -7 (v) -5

18. The like fraction of $\frac{1}{3}$ is

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

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

(i) $\frac{49}{35}$ (ii) $\frac{50}{34}$ (iii) $\frac{50}{36}$ (iv) $\frac{48}{35}$ (v) $\frac{48}{34}$

20. The reciprocal of $\frac{1}{4}$ is

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

21. The additive inverse of $(\frac{-1}{9})$ is

(i) $\frac{9}{1}$ (ii) 0 (iii) $\frac{9}{-1}$ (iv) $(\frac{-8}{9})$ (v) $\frac{1}{9}$

22. The multiplicative inverse of $\frac{1}{3}$ is

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

23. The like fraction of $\frac{2}{13}$ is

(i) $\frac{4}{12}$ (ii) $\frac{4}{13}$ (iii) $\frac{4}{14}$ (iv) $\frac{4}{15}$ (v) $\frac{4}{16}$

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

(i) $\frac{28}{44}$ (ii) $\frac{27}{45}$ (iii) $\frac{26}{44}$ (iv) $\frac{26}{45}$ (v) $\frac{28}{46}$

25. Convert $\frac{7}{3}$ to mixed fraction

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

26. Convert $1\frac{6}{11}$ to improper fraction

(i) $\frac{5}{3}$ (ii) $\frac{19}{11}$ (iii) $\frac{19}{13}$ (iv) $\frac{15}{11}$ (v) $\frac{17}{11}$

27. Identify the proper fraction

(i) $18\frac{9}{14}$ (ii) $\frac{20}{13}$ (iii) $2\frac{4}{17}$ (iv) $\frac{7}{13}$

28. Convert $\frac{13}{4}$ to mixed fraction

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

29. Convert $1\frac{2}{11}$ to improper fraction

(i) $\frac{15}{13}$ (ii) 1 (iii) $\frac{13}{11}$ (iv) $\frac{15}{11}$ (v) $\frac{11}{9}$

30. Identify the proper fraction

(i) $\frac{9}{8}$ (ii) $\frac{17}{18}$ (iii) $10\frac{3}{5}$ (iv) $17\frac{10}{13}$ (v) $\frac{8}{7}$

31. Convert $\frac{19}{15}$ to mixed fraction

(i) $1\frac{4}{15}$ (ii) $1\frac{2}{5}$ (iii) $1\frac{2}{17}$ (iv) $1\frac{2}{15}$ (v) $1\frac{6}{13}$

32. Convert $1\frac{3}{17}$ to improper fraction

(i) $\frac{22}{19}$ (ii) $\frac{20}{17}$ (iii) $\frac{18}{17}$ (iv) $\frac{6}{5}$ (v) $\frac{22}{17}$

33. Identify the proper fraction

(i) $\frac{9}{4}$ (ii) $\frac{2}{11}$ (iii) $18\frac{2}{15}$ (iv) $\frac{4}{3}$ (v) $22\frac{1}{2}$

34. Identify the improper fraction

(i) $15\frac{5}{16}$ (ii) $\frac{1}{2}$ (iii) $20\frac{3}{14}$ (iv) $\frac{20}{19}$ (v) $\frac{11}{18}$

35. Identify the mixed fraction

(i) $\frac{20}{3}$ (ii) $4\frac{5}{9}$ (iii) $\frac{5}{10}$ (iv) $\frac{11}{10}$ (v) $\frac{7}{12}$

36. Identify the improper fraction

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

37. Identify the mixed fraction

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

38. Identify the improper fraction

(i) $\frac{1}{4}$ (ii) $\frac{3}{2}$ (iii) $8\frac{7}{20}$ (iv) $14\frac{2}{3}$ (v) $\frac{1}{2}$

39. Identify the mixed fraction

(i) $\frac{1}{2}$ (ii) $\frac{11}{17}$ (iii) $\frac{19}{7}$ (iv) $\frac{8}{3}$ (v) $11\frac{1}{5}$

40. Find the equivalent fraction of $\frac{13}{6}$ with denominator 36

(i) $\frac{91}{36}$ (ii) $\frac{65}{36}$ (iii) $\frac{78}{36}$ (iv) $\frac{39}{36}$ (v) $\frac{52}{36}$

41. Find the equivalent fraction of $\frac{7}{13}$ with numerator 28

(i) $\frac{28}{78}$ (ii) $\frac{28}{91}$ (iii) $\frac{28}{52}$ (iv) $\frac{28}{65}$ (v) $\frac{28}{39}$

42. Find the equivalent fraction of $\frac{19}{5}$ with numerator 38

(i) $\frac{38}{10}$ (ii) $\frac{76}{10}$ (iii) $\frac{133}{10}$ (iv) $\frac{95}{10}$ (v) $\frac{114}{10}$

43. Which of the following pairs are unlike fractions?

(i) $\frac{6}{7}, \frac{2}{7}$ (ii) $\frac{4}{13}, \frac{12}{13}$ (iii) $\frac{1}{9}, \frac{3}{5}$ (iv) $\frac{10}{13}, \frac{12}{13}$ (v) $\frac{10}{19}, \frac{6}{19}$

44. Find the equivalent fraction of $\frac{11}{17}$ with numerator 44

(i) $\frac{44}{119}$ (ii) $\frac{44}{85}$ (iii) $\frac{44}{102}$ (iv) $\frac{44}{68}$ (v) $\frac{44}{51}$

45. Find the equivalent fraction of $\frac{19}{16}$ with denominator 48

(i) $\frac{76}{48}$ (ii) $\frac{114}{48}$ (iii) $\frac{57}{48}$ (iv) $\frac{95}{48}$ (v) $\frac{133}{48}$

46. Find the equivalent fraction of $\frac{19}{7}$ with numerator 114

(i) $\frac{114}{35}$ (ii) $\frac{114}{42}$ (iii) $\frac{114}{21}$ (iv) $\frac{114}{49}$ (v) $\frac{114}{28}$

47. Find the equivalent fraction of $\frac{17}{5}$ with numerator 85

(i) $\frac{119}{25}$ (ii) $\frac{68}{25}$ (iii) $\frac{51}{25}$ (iv) $\frac{102}{25}$ (v) $\frac{85}{25}$

48. Reduce the fraction $\frac{630}{840}$

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

## Assignment Key

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|---|---|---|---|---|---|
| 1) (iv) | 2) (iii) | 3) (ii) | 4) (i) | 5) (iv) | 6) (iv) |
| 7) (iii) | 8) (iii) | 9) (iv) | 10) (ii) | 11) (iv) | 12) (ii) |
| 13) (iv) | 14) (iv) | 15) (v) | 16) (i) | 17) (ii) | 18) (iv) |
| 19) (i) | 20) (iv) | 21) (v) | 22) (v) | 23) (ii) | 24) (ii) |
| 25) (ii) | 26) (v) | 27) (iv) | 28) (iii) | 29) (iii) | 30) (ii) |
| 31) (i) | 32) (ii) | 33) (ii) | 34) (iv) | 35) (ii) | 36) (ii) |
| 37) (iv) | 38) (ii) | 39) (v) | 40) (iii) | 41) (iii) | 42) (i) |
| 43) (iii) | 44) (iv) | 45) (iii) | 46) (ii) | 47) (v) | 48) (v) |