



1. The numerator in the fraction  $\frac{19}{2}$  is

- (i) 19 (ii) 2 (iii) 3 (iv) 20 (v) 0

2. The denominator in the fraction  $\frac{22}{9}$  is

- (i) 10 (ii) 0 (iii) 22 (iv) 9 (v) 23

3. The integer part in the fraction  $8\frac{6}{7}$  is

- (i) 6 (ii) 7 (iii) 8

4. The numerator in the fraction  $\frac{25}{2}$  is

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

5. The denominator in the fraction  $\frac{55}{6}$  is

- (i) 7 (ii) 0 (iii) 55 (iv) 56 (v) 6

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

- (i) 3 (ii) 2 (iii) 1 (iv) 4

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

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

8. The denominator in the fraction  $\frac{71}{7}$  is

- (i) 72 (ii) 7 (iii) 8 (iv) 0 (v) 71

9. The integer part in the fraction  $9\frac{3}{7}$  is

- (i) 9 (ii) 4 (iii) 7 (iv) 3 (v) 8

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

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

11. The additive inverse of  $\frac{4}{3}$  is

- (i)  $(-2\frac{1}{3})$  (ii) 0 (iii)  $\frac{3}{4}$  (iv)  $(-\frac{4}{3})$  (v)  $\frac{3}{-4}$

12. The multiplicative inverse of  $\frac{4}{7}$  is

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

13. The like fraction of  $\frac{4}{5}$  is

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

14. The equivalent fraction of  $\frac{7}{4}$  is

- (i)  $\frac{76}{43}$  (ii)  $\frac{78}{43}$  (iii)  $\frac{76}{44}$  (iv)  $\frac{77}{44}$  (v)  $\frac{78}{45}$

15. The reciprocal of  $\frac{1}{7}$  is

- (i)  $\frac{7}{1}$  (ii) 6 (iii) 5 (iv) 9 (v) 8

16. The additive inverse of  $\frac{1}{2}$  is

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

17. The multiplicative inverse of  $\frac{7}{8}$  is

- (i)  $2\frac{1}{7}$  (ii)  $\frac{8}{7}$  (iii)  $(\frac{-6}{7})$  (iv)  $3\frac{1}{7}$  (v)  $\frac{1}{7}$

18. The like fraction of  $\frac{17}{18}$  is

- (i)  $\frac{3}{17}$  (ii)  $\frac{3}{18}$  (iii)  $\frac{3}{21}$  (iv)  $\frac{3}{20}$  (v)  $\frac{3}{19}$

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

- (i)  $\frac{39}{24}$  (ii)  $\frac{41}{23}$  (iii)  $\frac{41}{25}$  (iv)  $\frac{40}{24}$  (v)  $\frac{39}{23}$

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

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

21. The additive inverse of  $\frac{5}{9}$  is

- (i)  $(-1\frac{5}{9})$  (ii)  $\frac{9}{-5}$  (iii) 0 (iv)  $\frac{9}{5}$  (v)  $(-\frac{5}{9})$

22. The multiplicative inverse of  $(\frac{-1}{4})$  is

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

23. The like fraction of  $\frac{4}{15}$  is

- (i)  $\frac{2}{14}$  (ii)  $\frac{2}{18}$  (iii)  $\frac{2}{15}$  (iv)  $\frac{2}{17}$  (v)  $\frac{2}{16}$

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

- (i)  $\frac{17}{20}$  (ii)  $\frac{19}{20}$  (iii)  $\frac{17}{21}$  (iv)  $\frac{19}{22}$  (v)  $\frac{18}{21}$

25. Convert  $\frac{12}{11}$  to mixed fraction

- (i)  $\frac{12}{13}$  (ii)  $\frac{10}{11}$  (iii)  $1\frac{1}{11}$  (iv)  $1\frac{3}{11}$  (v)  $1\frac{1}{3}$

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

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

27. Identify the proper fraction

- (i)  $\frac{15}{7}$  (ii)  $17\frac{5}{8}$  (iii)  $\frac{9}{13}$  (iv)  $13\frac{16}{19}$  (v)  $\frac{3}{2}$

28. Convert  $\frac{19}{17}$  to mixed fraction

- (i)  $1\frac{4}{15}$  (ii)  $1\frac{4}{17}$  (iii)  $1\frac{2}{17}$  (iv) 1

29. Convert  $1\frac{6}{7}$  to improper fraction

- (i)  $\frac{15}{7}$  (ii)  $\frac{11}{7}$  (iii)  $\frac{11}{5}$  (iv)  $\frac{5}{3}$  (v)  $\frac{13}{7}$

30. Identify the proper fraction

- (i)  $7\frac{3}{13}$  (ii)  $8\frac{4}{5}$  (iii)  $\frac{1}{6}$  (iv)  $\frac{15}{8}$  (v)  $\frac{9}{7}$

31. Convert  $\frac{17}{8}$  to mixed fraction

- (i)  $2\frac{3}{8}$  (ii)  $1\frac{7}{8}$  (iii)  $2\frac{5}{6}$  (iv)  $1\frac{7}{10}$  (v)  $2\frac{1}{8}$

32. Convert  $1\frac{6}{7}$  to improper fraction

- (i)  $\frac{11}{5}$  (ii)  $\frac{5}{3}$  (iii)  $\frac{15}{7}$  (iv)  $\frac{11}{7}$  (v)  $\frac{13}{7}$

33. Identify the proper fraction

- (i)  $\frac{17}{5}$  (ii)  $13\frac{4}{5}$  (iii)  $\frac{15}{13}$  (iv)  $\frac{10}{11}$  (v)  $16\frac{7}{11}$

34. Identify the improper fraction

- (i)  $20\frac{9}{20}$  (ii)  $\frac{7}{15}$  (iii)  $17\frac{7}{8}$  (iv)  $\frac{15}{7}$  (v)  $\frac{4}{6}$

35. Identify the mixed fraction

- (i)  $20\frac{5}{6}$  (ii)  $\frac{6}{11}$  (iii)  $\frac{18}{17}$  (iv)  $\frac{5}{13}$  (v)  $\frac{19}{16}$

36. Identify the improper fraction

- (i)  $\frac{15}{16}$  (ii)  $\frac{19}{3}$  (iii)  $20\frac{2}{11}$  (iv)  $\frac{12}{19}$  (v)  $4\frac{1}{7}$

37. Identify the mixed fraction

- (i)  $\frac{8}{20}$  (ii)  $\frac{10}{13}$  (iii)  $\frac{16}{7}$  (iv)  $8\frac{10}{17}$  (v)  $\frac{20}{9}$

38. Identify the improper fraction

- (i)  $8\frac{5}{17}$  (ii)  $\frac{6}{16}$  (iii)  $\frac{1}{3}$  (iv)  $\frac{12}{11}$  (v)  $14\frac{1}{2}$

39. Identify the mixed fraction

- (i)  $8\frac{4}{15}$  (ii)  $\frac{17}{13}$  (iii)  $\frac{16}{20}$  (iv)  $\frac{17}{14}$  (v)  $\frac{7}{8}$

40. Find the equivalent fraction of  $\frac{14}{3}$  with denominator 12

- (i)  $\frac{70}{12}$  (ii)  $\frac{56}{12}$  (iii)  $\frac{84}{12}$  (iv)  $\frac{42}{12}$  (v)  $\frac{98}{12}$

41. Find the equivalent fraction of  $\frac{13}{19}$  with numerator 65

- (i)  $\frac{65}{114}$  (ii)  $\frac{65}{95}$  (iii)  $\frac{65}{57}$  (iv)  $\frac{65}{133}$  (v)  $\frac{65}{76}$

42. Find the equivalent fraction of  $\frac{3}{10}$  with numerator 24

- (i)  $\frac{24}{80}$  (ii)  $\frac{15}{80}$  (iii)  $\frac{18}{80}$  (iv)  $\frac{12}{80}$  (v)  $\frac{9}{80}$

43. Which of the following pairs are unlike fractions?

- (i)  $\frac{13}{20}, \frac{2}{20}$  (ii)  $\frac{5}{7}, \frac{7}{11}$  (iii)  $\frac{1}{3}, \frac{2}{3}$  (iv)  $\frac{4}{13}, \frac{1}{13}$  (v)  $\frac{2}{8}, \frac{3}{8}$

44. Find the equivalent fraction of  $\frac{7}{6}$  with numerator 21

- (i)  $\frac{21}{24}$  (ii)  $\frac{21}{18}$  (iii)  $\frac{21}{42}$  (iv)  $\frac{21}{36}$  (v)  $\frac{21}{30}$

45. Find the equivalent fraction of  $\frac{6}{17}$  with denominator 119

- (i)  $\frac{36}{119}$  (ii)  $\frac{24}{119}$  (iii)  $\frac{18}{119}$  (iv)  $\frac{42}{119}$  (v)  $\frac{30}{119}$

46. Find the equivalent fraction of  $\frac{10}{3}$  with numerator 10

- (i)  $\frac{10}{18}$  (ii)  $\frac{10}{3}$  (iii)  $\frac{10}{21}$  (iv)  $\frac{10}{15}$  (v)  $\frac{10}{12}$

47. Find the equivalent fraction of  $\frac{13}{17}$  with numerator 78

- (i)  $\frac{39}{102}$  (ii)  $\frac{52}{102}$  (iii)  $\frac{65}{102}$  (iv)  $\frac{91}{102}$  (v)  $\frac{78}{102}$

48. Reduce the fraction  $\frac{216}{432}$

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

## Assignment Key

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

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