



Answer Key: Page 6-9

Write the mixed number as an improper fraction

1.  $4\frac{2}{3}$

2.  $3\frac{1}{5}$

3.  $2\frac{1}{7}$

4.  $14\frac{2}{5}$

5.  $13\frac{13}{32}$

Add the following fractions

6.  $\frac{1}{3} + \frac{1}{3}$

7.  $\frac{3}{7} + \frac{2}{7}$

8.  $\frac{11}{15} + \frac{3}{15}$

9.  $\frac{5}{9} + \frac{1}{9}$

10.  $\frac{14}{16} + \frac{9}{16}$

$$11. \frac{2}{3} + \frac{2}{3}$$

$$12. \frac{5}{10} + \frac{9}{10}$$

$$13. \frac{3}{20} + \frac{6}{20} + \frac{2}{20}$$

$$14. 1\frac{2}{7} + 3\frac{3}{7}$$

$$15. 2\frac{3}{5} + 2\frac{4}{5}$$

$$16. \frac{1}{10} + \frac{1}{5}$$

$$17. \frac{7}{15} + \frac{2}{3}$$

$$18. \frac{1}{4} + \frac{1}{10}$$

$$19. \frac{5}{12} + \frac{5}{8}$$

$$20. \frac{2}{3} + \frac{5}{7}$$

$$21. \frac{3}{5} + \frac{1}{6}$$

$$22. \frac{2}{5} + \frac{1}{3} + \frac{5}{6}$$

$$23. 4\frac{1}{3} + 5\frac{1}{5}$$

$$24. 5\frac{2}{3} + 4\frac{1}{2}$$

$$25. 1\frac{1}{12} + 2\frac{1}{16} + 1\frac{1}{8}$$

Subtract the following fractions.

26.  $\frac{4}{9} - \frac{1}{9}$

27.  $\frac{11}{13} - \frac{5}{13}$

28.  $\frac{33}{50} - \frac{3}{50}$

29.  $\frac{22}{16} - \frac{2}{16}$

30.  $\frac{28}{21} - \frac{5}{21}$

31.  $8\frac{11}{42} - 3\frac{4}{42}$

32.  $\frac{28}{9} - \frac{5}{3}$

33.  $\frac{11}{12} - \frac{1}{2}$

34.  $\frac{3}{4} - \frac{7}{10}$

35.  $\frac{5}{6} - \frac{2}{7}$

36.  $\frac{7}{8} - \frac{4}{7}$

37.  $4\frac{1}{2} - 2\frac{1}{9}$

38.  $6\frac{2}{7} - 5\frac{3}{5}$

Multiply the following fractions.

39.  $\frac{2}{3} \times \frac{1}{5}$

40.  $\frac{8}{9} \times \frac{3}{7}$

41.  $\frac{2}{3} \times \frac{3}{11}$

42.  $\frac{7}{12} \times \frac{5}{6}$

43.  $\frac{9}{50} \times \frac{5}{6}$

44.  $\frac{15}{28} \times \frac{14}{25}$

45.  $8 \times \frac{2}{5}$

46.  $2\frac{2}{3} \times \frac{3}{8}$

47.  $5\frac{2}{7} \times \frac{7}{9}$

48.  $1\frac{7}{8} \times 1\frac{7}{9}$

49.  $\frac{3}{8} \times \frac{4}{10} \times \frac{15}{27}$

Divide the following fractions.

50.  $\frac{1}{7} \div \frac{1}{8}$

51.  $\frac{1}{8} \div \frac{2}{3}$

52.  $\frac{3}{4} \div \frac{1}{9}$

53.  $\frac{3}{7} \div \frac{6}{13}$

54.  $\frac{7}{10} \div \frac{14}{25}$

55.  $\frac{6}{7} \div \frac{10}{21}$

56.  $4 \div \frac{12}{13}$

57.  $\frac{3}{10} \div 9$

58.  $1\frac{3}{7} \div 2$

59.  $4\frac{1}{6} \div 6\frac{2}{3}$

60.  $5\frac{1}{5} \div 1\frac{6}{7}$

Write the mixed number as an improper fraction

$$1. 4\frac{2}{3} = \frac{14}{3}$$

$$2. 3\frac{1}{5} = \frac{16}{5}$$

$$3. 2\frac{1}{7} = \frac{15}{7}$$

$$4. 14\frac{2}{5} = \frac{72}{5}$$

$$5. 13\frac{13}{32} = \frac{429}{32}$$

Add the following fractions

$$6. \frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$

$$7. \frac{3}{7} + \frac{2}{7} = \frac{5}{7}$$

$$8. \frac{11}{15} + \frac{3}{15} = \frac{14}{15}$$

$$9. \frac{5}{9} + \frac{1}{9} = \frac{2}{3}$$

$$10. \frac{14}{16} + \frac{9}{16} = 1\frac{7}{16}$$

$$11. \frac{2}{3} + \frac{2}{3} = 1\frac{1}{3}$$

$$12. \frac{5}{10} + \frac{9}{10} = 1\frac{2}{5}$$

$$13. \frac{3}{20} + \frac{6}{20} + \frac{2}{20} = \frac{11}{20}$$

$$14. 1\frac{2}{7} + 3\frac{3}{7} = 4\frac{5}{7}$$

$$15. 2\frac{3}{5} + 2\frac{4}{5} = 5\frac{2}{5}$$

$$16. \frac{1}{10} + \frac{1}{5} = \frac{3}{10}$$

17.  $\frac{7}{15} + \frac{2}{3} = \frac{17}{15}$

18.  $\frac{1}{4} + \frac{1}{10} = \frac{7}{20}$

19.  $\frac{5}{12} + \frac{5}{8} = \frac{25}{24}$

20.  $\frac{2}{3} + \frac{5}{7} = \frac{29}{21}$

21.  $\frac{3}{5} + \frac{1}{6} = \frac{23}{30}$

22.  $\frac{2}{5} + \frac{1}{3} + \frac{5}{6} = \frac{47}{30}$

23.  $4\frac{1}{3} + 5\frac{1}{5} = 9\frac{8}{15}$

24.  $5\frac{2}{3} + 4\frac{1}{2} = 10\frac{1}{6}$

25.  $1\frac{1}{12} + 2\frac{1}{16} + 1\frac{1}{8} = 4\frac{13}{48}$

Subtract the following fractions.

26.  $\frac{4}{9} - \frac{1}{9} = \frac{1}{3}$

27.  $\frac{11}{13} - \frac{5}{13} = \frac{6}{13}$

28.  $\frac{33}{50} - \frac{3}{50} = \frac{3}{5}$

29.  $\frac{22}{16} - \frac{2}{16} = 1\frac{1}{4}$

30.  $\frac{28}{21} - \frac{5}{21} = 1\frac{2}{21}$

31.  $8\frac{11}{42} - 3\frac{4}{42} = 5\frac{1}{6}$

32.  $\frac{28}{9} - \frac{5}{3} = \frac{13}{9}$

33.  $\frac{11}{12} - \frac{1}{2} = \frac{5}{12}$

$$34. \frac{3}{4} - \frac{7}{10} = \frac{1}{20}$$

$$35. \frac{5}{6} - \frac{2}{7} = \frac{23}{42}$$

$$36. \frac{7}{8} - \frac{4}{7} = \frac{17}{56}$$

$$37. 4\frac{1}{2} - 2\frac{1}{9} = 2\frac{7}{18}$$

$$38. 6\frac{2}{7} - 5\frac{3}{5} = \frac{24}{25}$$

Multiply the following fractions.

$$39. \frac{2}{3} \times \frac{1}{5} = \frac{2}{15}$$

$$40. \frac{8}{9} \times \frac{3}{7} = \frac{24}{63}$$

$$41. \frac{2}{3} \times \frac{3}{11} = \frac{2}{11}$$

$$42. \frac{7}{12} \times \frac{5}{6} = \frac{35}{72}$$

$$43. \frac{9}{50} \times \frac{5}{6} = \frac{3}{20}$$

$$44. \frac{15}{28} \times \frac{14}{25} = \frac{3}{10}$$

$$45. 8 \times \frac{2}{5} = \frac{16}{5}$$

$$46. 2\frac{2}{3} \times \frac{3}{8} = 1$$

$$47. 5\frac{2}{7} \times \frac{7}{9} = \frac{37}{9}$$

$$48. 1\frac{7}{8} \times 1\frac{7}{9} = \frac{10}{3}$$

$$49. \frac{3}{8} \times \frac{4}{10} \times \frac{15}{27} = \frac{1}{12}$$

Divide the following fractions.

$$50. \frac{1}{7} \div \frac{1}{8} = \frac{8}{7}$$

$$51. \frac{1}{8} \div \frac{2}{3} = \frac{3}{16}$$

$$52. \frac{3}{4} \div \frac{1}{9} = \frac{27}{4}$$

$$53. \frac{3}{7} \div \frac{6}{13} = \frac{13}{14}$$

$$54. \frac{7}{10} \div \frac{14}{25} = \frac{5}{4}$$

$$55. \frac{6}{7} \div \frac{10}{21} = \frac{9}{5}$$

$$56. 4 \div \frac{12}{13} = 4\frac{1}{3}$$

$$57. \frac{3}{10} \div 9 = \frac{1}{30}$$

$$58. 1\frac{3}{7} \div 2 = \frac{5}{7}$$

$$59. 4\frac{1}{6} \div 6\frac{2}{3} = \frac{5}{8}$$

$$60. 5\frac{1}{5} \div 1\frac{6}{7} = 2\frac{4}{5}$$