

Perform the indicated operations. Change improper fractions to mixed numbers and reduce fractions to lowest terms.

$$1. \frac{5}{4} - \frac{3}{4} = \frac{1}{2}$$

$$2. \frac{3}{2} - \frac{1}{2} = 1$$

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

$$4. \frac{1}{3} - \frac{1}{3} = 0$$

$$5. 6 - \frac{1}{6} = 5\frac{5}{6}$$

$$6. \frac{1}{5} + \frac{1}{5} = \frac{2}{5}$$

$$7. \frac{7}{6} - \frac{5}{6} = \frac{1}{3}$$

$$8. \left(-\frac{4}{5}\right) - \frac{7}{8} = -1\frac{27}{40}$$

$$9. \frac{1}{3} - \left(-\frac{5}{3}\right) = 2$$

$$10. \left(-\frac{1}{3}\right) + \frac{3}{8} = \frac{1}{24}$$

$$11. \left(-\frac{10}{7}\right) + \frac{1}{6} = -1\frac{11}{42}$$

$$12. \left(-\frac{4}{3}\right) - \left(-\frac{3}{2}\right) = \frac{1}{6}$$

$$13. \frac{9}{5} + \left(-\frac{4}{3}\right) = \frac{7}{15}$$

$$14. 2 - \frac{13}{8} = \frac{3}{8}$$

$$15. \frac{9}{5} - \frac{5}{8} = 1\frac{7}{40}$$

$$16. \frac{18}{36} + \frac{12}{36} = \frac{5}{6}$$

$$17. \frac{70}{63} + \frac{11}{63} = 1\frac{2}{7}$$

$$18. \frac{5}{8} + \frac{1}{12} = \frac{17}{24}$$

$$19. \frac{3}{8} + \frac{5}{12} + \frac{3}{8} = 1\frac{1}{6}$$

$$20. \frac{9}{15} - \frac{7}{15} = \frac{2}{15}$$

$$21. \frac{16}{20} - \frac{8}{20} = \frac{2}{5}$$

$$22. \frac{5}{11} + \frac{6}{16} + \frac{1}{2} = 1\frac{29}{88}$$

$$23. \frac{45}{48} - \frac{13}{48} = \frac{2}{3}$$

$$24. \frac{16}{30} - \frac{7}{15} = \frac{1}{15}$$

$$25. \frac{3}{7} - \frac{2}{9} = \frac{13}{63}$$

$$26. \frac{10}{63} - \frac{7}{81} = \frac{41}{567}$$

$$27. \frac{9}{4} + 6 = 8\frac{1}{4}$$

$$28. \frac{103}{8} + \frac{42}{12} = 16\frac{3}{8}$$

$$29. 12 - \frac{41}{6} = 5\frac{1}{6}$$

$$30. \frac{39}{9} - \frac{41}{12} = \frac{11}{12}$$