

Order of Operations — Fractions (Questions)

$$1. \frac{3}{4} + \frac{5}{6} \times 2$$

$$2. \left(\frac{7}{3} - \frac{1}{6}\right) \times \frac{3}{5}$$

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

$$4. \left(\frac{9}{4} + \frac{3}{8}\right) \div \frac{3}{2}$$

$$5. \frac{7}{5} \times \left(\frac{10}{7} - \frac{1}{2}\right)$$

$$6. \frac{4}{3} + \frac{5}{6} \div \frac{5}{3}$$

$$7. \left(\frac{11}{6} - \frac{1}{3} \right) \times \frac{6}{5}$$

$$8. \frac{8}{5} \div \left(\frac{2}{5} + \frac{1}{2} \right)$$

$$9. \left(\frac{3}{2} \right)^2 - \frac{1}{4}$$

$$10. \frac{9}{10} + \frac{4}{5} \times \frac{5}{8}$$

$$11. \left(\frac{7}{4} - \frac{3}{8}\right) \div \frac{7}{8}$$

$$12. \frac{6}{5} \times \left(\frac{5}{6} + \frac{1}{3}\right)$$

$$13. \frac{10}{3} - \left(\frac{5}{6} \times \frac{4}{5}\right)$$

$$14. \left(\frac{12}{5} \div \frac{6}{5}\right) + \frac{1}{4}$$

$$15. \frac{7}{6} + \left(\frac{2}{3}\right)^2$$

$$16. \left(\frac{9}{5} - \frac{3}{10}\right) \times \frac{2}{3}$$

$$17. \frac{5}{4} \div \frac{5}{8} - \frac{1}{2}$$

$$18. \left(\frac{11}{10} + \frac{9}{20}\right) \times \frac{5}{4}$$

$$19. \frac{8}{3} - \frac{2}{3} \times \frac{5}{4}$$

$$20. \left(\frac{15}{8} \div \frac{5}{4}\right) + \frac{1}{2}$$

Numerical Solutions (No Working)

$$1. \frac{29}{12}$$

$$2. \frac{13}{10}$$

$$3. 1$$

$$4. \frac{7}{4}$$

$$5. \frac{13}{10}$$

$$6. \frac{11}{6}$$

$$7. \frac{9}{5}$$

$$8. \frac{16}{9}$$

$$9. 2$$

$$10. \frac{7}{5}$$

$$11. \frac{11}{7}$$

$$12. \frac{7}{5}$$

$$13. \frac{8}{3}$$

$$14. \frac{9}{4}$$

$$15. \frac{29}{18}$$

$$16. 1$$

$$17. \frac{3}{2}$$

$$18. \frac{31}{16}$$

$$19. \frac{11}{6}$$

$$20. 2$$

Order of Operations — Fractions (Hard)

$$1. \frac{3}{5} + \frac{4}{3} \times \frac{5}{8} - \left(\frac{2}{3} \div \frac{4}{9} \right)$$

$$2. \frac{7}{6} - \frac{5}{4} \times \left(\frac{2}{3} - \frac{1}{6} \right) + \left(\frac{3}{4} \div \frac{3}{2} \right)$$

$$3. \frac{9}{10} + \frac{6}{5} \times \frac{3}{4} - \frac{8}{9} \div \frac{4}{3}$$

$$4. \left(\frac{5}{6} + \frac{7}{12} \right) \times \frac{4}{5} - \frac{2}{3}$$

$$5. \frac{11}{8} - \frac{3}{4} \div \frac{6}{5} + \frac{2}{3} \times \frac{9}{10}$$

$$6. \frac{4}{3} + \frac{5}{6} \times \left(\frac{7}{5} - \frac{1}{2} \right) - \frac{3}{4}$$

$$7. \frac{10}{9} - \left(\frac{4}{5} \div \frac{8}{15} \right) + \frac{7}{6} \times \frac{3}{7}$$

$$8. \left(\frac{3}{4} + \frac{5}{8} \right) \times \frac{6}{5} - \frac{9}{10} \div \frac{3}{5}$$

$$9. \frac{11}{12} + \frac{5}{6} \times \left(\frac{7}{10} - \frac{1}{5} \right) - \left(\frac{4}{5} \div \frac{8}{5} \right)$$

$$10. \frac{5}{4} - \frac{3}{8} + \frac{4}{3} \times \left(\frac{3}{4} - \frac{3}{8} \right)$$

$$11. \frac{8}{15} + \frac{3}{5} \times \frac{10}{9} - \frac{4}{3} \div \frac{8}{9}$$

$$12. \left(\frac{7}{10} - \frac{1}{5} \right) \times \frac{5}{7} + \frac{3}{4} - \left(\frac{2}{3} \div \frac{4}{3} \right)$$

$$13. \frac{7}{6} + \frac{5}{6} \times \left(\frac{7}{5} - \frac{1}{5} \right) - \left(\frac{3}{4} \div \frac{3}{2} \right)$$

$$14. \frac{9}{8} - \left(\frac{3}{4} \div \frac{9}{16} \right) + \frac{5}{6} \times \frac{3}{5}$$

$$15. \left(\frac{5}{6} + \frac{1}{3} \right) \times \frac{3}{5} - \left(\frac{3}{4} \div \frac{3}{2} \right)$$

$$16. \frac{6}{5} + \frac{2}{3} \times \frac{5}{4} - \left(\frac{5}{6} \div \frac{5}{3} \right)$$

$$17. \frac{11}{12} - \frac{2}{3} + \frac{5}{6} \times \left(\frac{3}{5} - \frac{1}{10} \right)$$

$$18. \left(\frac{3}{5} + \frac{7}{4} \right) \times 2 - \left(\frac{4}{5} \div \frac{8}{5} \right)$$

$$19. \frac{5}{6} + \frac{9}{10} \times \frac{4}{3} - \frac{6}{5} \div \frac{12}{25}$$

$$20. \frac{7}{5} - \left(\frac{2}{3} \times \frac{9}{10} \right) + \frac{4}{7} \div \frac{2}{7}$$

Numerical Solutions (No Working)

$$1. -\frac{1}{15}$$

$$11. -\frac{3}{10}$$

$$2. \frac{25}{24}$$

$$12. \frac{17}{28}$$

$$3. \frac{17}{15}$$

$$13. \frac{5}{3}$$

$$4. \frac{7}{15}$$

$$14. \frac{7}{24}$$

$$5. \frac{27}{20}$$

$$15. \frac{1}{5}$$

$$6. \frac{4}{3}$$

$$16. \frac{23}{15}$$

$$7. \frac{1}{9}$$

$$17. \frac{2}{3}$$

$$8. \frac{3}{20}$$

$$18. \frac{21}{5}$$

$$9. \frac{5}{6}$$

$$19. -\frac{7}{15}$$

$$10. \frac{11}{8}$$

$$20. \frac{14}{5}$$