

Evaluate following expressions. Follow the order of operations and reduce fractions at any given moment.

For each correct at Easy: 1 point, Middle: 2 points, Hard: 3 points. Total points: 55.

Easy

1. $\frac{1}{2} + \frac{5}{2} = ?$ 2. $\frac{3}{6} - \frac{1}{12} = ?$ 3. $\frac{1}{2} \times \frac{8}{3} = ?$ 4. $\frac{3}{8} \div \frac{3}{16} = ?$

5. $\left(\frac{2}{3} + \frac{1}{8}\right) \times x = ?$ $x + 1 = 5$

Middle

6. $\left(\frac{1}{4} + \frac{1}{3}\right) + \frac{1}{6} = ?$ 7. $\left(\frac{5}{8} \times \frac{2}{10}\right) - \frac{2}{8} = ?$ 8. $\left(\frac{3}{8} \div \frac{3}{2}\right) \div \frac{2}{5} = ?$

9. $\left(\frac{5}{2} + \frac{2}{4}\right) \times \frac{1}{7} = ?$ 10. $\left(\frac{1}{5} - \frac{1}{7}\right) + \frac{3}{35} = ?$ 11. $\frac{1}{14} - \frac{6}{2} \times \frac{1}{7} = ?$

12. $\frac{2}{3} \div \frac{3}{2} + \frac{16}{15}$ 13. $\frac{7}{6} + \frac{1}{5} \div \frac{2}{13} = ?$ 14. $\frac{7}{24} - \frac{1}{8} \times \frac{2}{3} = ?$

15. $\frac{2}{5} + \frac{1}{11} = ?$

Hard

16. $\left(\frac{3}{8} \times \frac{4}{2}\right) - \frac{3}{4} = ?$ 17. $\frac{2}{5} \times \frac{5}{4} = ?$ 18. $\frac{5}{3} \div \frac{15}{10} = ?$ 19. $\frac{7 \times 2}{49 \times 4} = ?$

20. $\frac{12 \times 14}{16 \times 35} = ?$ 21. $\left(\frac{1}{5} + \frac{2}{5}\right) \times \frac{10}{3} = ?$ 22. $\left(\frac{2}{7} - \frac{3}{14}\right) \times \frac{7}{5} = ?$

23. $\frac{17 \times 15}{12 \times 51} = ?$ 24. $\left(\frac{2}{9} + \frac{12}{81}\right) \times \frac{9}{3} = ?$ 25. $\left(\frac{1}{7} \div \frac{6}{49}\right) \div \frac{1}{3} = ?$