

Order of Operations

Name _____

Use the order of operations to simplify

1. $\frac{6+2}{16} + 3 \cdot 9 =$

2. $5 \left[\frac{1}{2} + \left(\frac{3}{5} \cdot \frac{5}{6} \right) \div \frac{5}{8} \right] =$

3. $6 - \left[\frac{2+7}{3} - (2 \cdot 3 - 5) \right] =$

4. $\frac{8^2 - 6(4)}{2(5)} - 4 =$

5. $[6^2 - (2+4)2]3 =$

6. $\left[\frac{3}{4} \cdot \frac{2}{3} - \frac{1}{2} - \frac{1}{3} \right] 12 =$

7. $12 \left[10 - \frac{(5^2 - 6)3}{6} \right] =$

8. $(6+8)(8-5) \div (9+3-2)^2 =$

9. $25 - \frac{1}{3}(18+9) \div 4 =$

10. $\left(\frac{1}{2} \right)^2 + \left[\frac{1}{5} - \frac{2}{3} \cdot \frac{6}{7} \div \frac{5}{14} + \frac{2}{5} \right] =$

11. $3^2 \div 3 + 2^2 \cdot 7 - 20 \div 5 =$

12. $125 \div [5(2+3)] - 2(7) =$

13. $\left(\frac{1}{3} \right)^2 - \left[\frac{2}{3} + \frac{1}{5} \div 2 \cdot \frac{5}{6} - \frac{3}{4} \right] =$