Order of Operations Name_____

Use the order of operations to simplify

1. $5-3(8\div 4)^2=$

2. $4^2-3(5-2)^2\cdot 3=$

3. $-2\frac{2}{11}-\frac{2^2-5}{3^2+2}=$

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

5. $5\left[(2-4)\cdot 3-2\right]=$

6. $2\left[(16\div 8)-(-2)\right]+4=$

7. $16-4\cdot\frac{8-2}{3-6}\div\frac{1}{2}=$

8. $25\div 5\cdot\frac{16+8}{(-2)^2+8}-\frac{3}{7}=$

9. $6\left[3-(-4+2)\div 2\right]=$

10. $12-4\left[2-(-3+5)-8\right]=$

11. $\frac{1}{2}-\frac{2}{3}\div\frac{5}{9}+\frac{5}{6}=$

12. $\left(-\frac{3}{5}\right)^2-\frac{3}{5}\,2\frac{3}{5}+\frac{7}{10}=$

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

14. $\frac{3}{8}-\left(\frac{3}{5}\div\frac{9}{10}\right)+\frac{3}{2}\div 2=$

15. $\frac{3}{4}\div\left(\frac{7}{12}-\frac{3}{8}\right)+2$