

Use grouping symbols and order of operations to simplify the following expressions:

1.  $21 + (4 + 10)$

22.  $(4 - 1)^2 + (12 - 3)^2 + (5 - 2)^3$

2.  $16 + (4 \times 10)$

23.  $6(5 - 3)^2$

3.  $20(3 + 7)$

24.  $5[5 - (0 \times 3)]$

4.  $\frac{36 - 6}{12 + 3}$

25.  $4 \times 3 + 4 \times 5 \div 4 - 1$

5.  $\frac{11 + 9}{2 \times 5}$

6.  $[7 + (4 \cdot 2)] \times 2$

7.  $[16 - (2 \cdot 3)] \times 3$

8.  $[(7 \cdot 4) - (3 \cdot 6)] \div 2$

9.  $[6 + (4 \cdot 2)] + [(7 \cdot 3) - 4]$

10.  $\{[(3 \cdot 2) + 4] + 5\} \cdot 2$

11.  $\{[(2 \cdot 3) + (7 \cdot 4)] + 2\} \cdot [(8 - 6) - (4 - 3)]$

12.  $3\{5 + [(2 + 7) + 11]\}$

13.  $[(16 - 4) \div (3 \times 2)] \div 3$

14.  $6 + [12 - (4 \times 2)]$

15.  $[8 + (2 \times 1)] \times 0$

16.  $[40 \div (4 \times 5)] \div 2$

17.  $64 - 5 \cdot 1 + 4 \div 8 + 5$

18.  $48 + 3 \cdot 4 - 9 \cdot 2 \div 6$

19.  $3^3 + (2 \times 5)^2$

20.  $\frac{6^2 - 3^2}{6 - 3}$

21.  $\left[ \frac{12 + 8}{9 \times 6} - \frac{1}{54} \right] - \frac{2}{6}$