

Name: _____



Order of Operations with Nested Parenthesis

Directions: Solve.

1. $[(4^2 + 3) - 14] \times 3 =$ _____

7. $3 + [11^2 - (3 \times 2^2)] - 27 =$ _____

2. $35 - [2 \times (11 - 2^2)] =$ _____

8. $9^2 + [68 - (5^2 + 31)] \times 2 =$ _____

3. $10^2 \div [(7^2 - 5) + 6] + 14 =$ _____

9. $17 + [8^2 \div (6^2 - 32)] \times 3 =$ _____

4. $82 - [(9 - 5)^2 \times 4] =$ _____

10. $8^2 + [4 \times (21 - 16)^2] - 9 =$ _____

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

11. $10^2 - [34 - (13 - 9)^2 + 3] \times 3 =$ _____

6. $[(6^2 \div 3 + 5^2)] \times 2 =$ _____

12. $[(5^2 + 5) - (24 \div 2^2)] \div 8 =$ _____

ANSWER KEY

1. $[(4^2 + 3) - 14] \times 3 = 15$

7. $3 + [11^2 - (3 \times 2^2)] - 27 = 85$

2. $35 - [2 \times (11 - 2^2)] = 21$

8. $9^2 + [68 - (5^2 + 31)] \times 2 = 105$

3. $10^2 \div [(7^2 - 5) + 6] + 14 = 16$

9. $17 + [8^2 \div (6^2 - 32)] \times 3 = 65$

4. $82 - [(9 - 5)^2 \times 4] = 18$

10. $8^2 + [4 \times (21 - 16)^2] - 9 = 155$

5. $3 + [(2 + 5)^2 - (3 + 2)^2] = 27$

11. $10^2 - [34 - (13 - 9)^2 + 3] \times 3 = 37$

6. $[(6^2 \div 3 + 5^2)] \times 2 = 74$

12. $[(5^2 + 5) - (24 \div 2^2)] \div 8 = 3$