

PEMDAS with nested parenthesis

Solve the following.

1) $(12 - 7)^2 - 23 =$ _____

2) $(15 - 9)^2 \div (7 - 4)^2 =$ _____

3) $4^3 \div (8 - 6) + 18 \div (6 - 3) =$ _____

4) $4^3 \div 8 - 6 + 18 \div 6 - 3 =$ _____

5) $4^3 \div 8 - \{[(6 + 18) \div 6] - 3\} =$ _____

6) $[(3^3 - 21) \times (15 - 9)] \div 3 =$ _____

7) $2 \times \{76 - [(15 - 9)^2 - (5^2 - 3 \times 7)]\} =$ _____

8) $5 \times (4 + 17 + 10) - 11^2 =$ _____

9) $2^2 \times [2 + (12 - 9)^3] - 8 =$ _____

10) $80 - \{[(17 - 9)^2 - (7^2 - 3 \times 9)] - 12\} =$ _____