

PEMDAS with nested parenthesis

Grade 5 Order of Operations Worksheet

Solve the following.

1) $(12 - 7)^2 - 23 = \underline{\hspace{2cm}}$

2) $(15 - 9)^2 \div (7 - 4)^2 = \underline{\hspace{2cm}}$

3) $4^3 \div (8 - 6) + 18 \div (6 - 3) = \underline{\hspace{2cm}}$

4) $4^3 \div 8 - 6 + 18 \div 6 - 3 = \underline{\hspace{2cm}}$

5) $4^3 \div 8 - \{[(6 + 18) \div 6] - 3\} = \underline{\hspace{2cm}}$

6) $[(3^3 - 21) \times (15 - 9)] \div 3 = \underline{\hspace{2cm}}$

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

8) $5 \times (4 + 17 + 10) - 11^2 = \underline{\hspace{2cm}}$

9) $2^2 \times [2 + (12 - 9)^3] - 8 = \underline{\hspace{2cm}}$

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

PEMDAS with nested parenthesis

Grade 5 Order of Operations Worksheet

Solve the following.

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

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

3) $4^3 \div (8 - 6) + 18 \div (6 - 3) = 38$

4) $4^3 \div 8 - 6 + 18 \div 6 - 3 = 2$

5) $4^3 \div 8 - \{[(6 + 18) \div 6] - 3\} = 7$

6) $[(3^3 - 21) \times (15 - 9)] \div 3 = 12$

7) $2 \times \{76 - [(15 - 9)^2 - (5^2 - 3 \times 7)]\} = 88$

8) $5 \times (4 + 17 + 10) - 11^2 = 34$

9) $2^2 \times [2 + (12 - 9)^3] - 8 = 108$

10) $80 - \{[(17 - 9)^2 - (7^2 - 3 \times 9)] - 12\} = 50$