



ORDER OF OPERATIONS

Name _____

Score _____

OF:18

Example: $9^2 + ((15 \div 5) \times 19) - 3^3$
 $= 9^2 + (3 \times 19) - 3^3$
 $= 9^2 + 57 - 3^3$
 $= 81 + 57 - 27$
 $= 138 - 27$
 $= \mathbf{111}$

Solve each expression.

1) $((10 + 4^2) - 10) + 9 \times 56 \div 7$

2) $6 + 3^2 - (48 \div 6 \times (11 - 6 + 2^2))$

3) $2^3 + ((90 \div 3^2 \times 5) \times 6)$

4) $13 - 7 + 8^2 - (1 + (50 \div 10)^3)$

5) $((3 \times 4^2 - 7) + 2^2) \times 6$

6) $(5^3 \div 5 + (9 - 3)) - 15 \times 2$

7) $8 - 7^2 \times (28 - (1 + 2)^3)$

8) $((32 \div 2^2) - 8 + 6) \times 9$



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Answer key

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Solve each expression.

1) $((10 + 4^2) - 10) + 9 \times 56 \div 7$

88

2) $6 + 3^2 - (48 \div 6 \times (11 - 6 + 2^2))$

-57

3) $2^3 + ((90 \div 3^2 \times 5) \times 6)$

308

4) $13 - 7 + 8^2 - (1 + (50 \div 10)^3)$

-56

5) $((3 \times 4^2 - 7) + 2^2) \times 6$

65

6) $(5^3 \div 5 + (9 - 3)) - 15 \times 2$

1

7) $8 - 7^2 \times (28 - (1 + 2)^3)$

-41

8) $((32 \div 2^2) - 8 + 6) \times 9$

54