



ORDER OF OPERATIONS

Name _____

Score _____

OF:16

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) $5^2 - ((2^3 \times 9) \div 12) + 4$

2) $(11 \times 3 + (4^2 - 63 \div 3^2))$

3) $((18 \div 6) \times 2^3 - 4) + 6 \times 3 - 7^2$

4) $10 + 3^3 - (4 + 9 \times (6^3 \div 36))$

5) $4^2 - ((45 \div 3) + 1)$

6) $14 \times 2 - (5^2 \div (8 + 2 - 5))$

7) $(2^4 + (3^2 - 1) \times 7) + 56$

8) $((3 \times 4)^2 \div 3^2) - 21$



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Answer key

OF:16

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

Solve each expression.

1) $5^2 - ((2^3 \times 9) \div 12) + 4$

23

2) $(11 \times 3 + (4^2 - 63 \div 3^2))$

42

3) $((18 \div 6) \times 2^3 - 4) + 6 \times 3 - 7^2$

-11

4) $10 + 3^3 - (4 + 9 \times (6^3 \div 36))$

-21

5) $4^2 - ((45 \div 3) + 1)$

0

6) $14 \times 2 - (5^2 \div (8 + 2 - 5))$

23

7) $(2^4 + (3^2 - 1) \times 7) + 56$

128

8) $((3 \times 4)^2 \div 3^2) - 21$

-5