



# ORDER OF OPERATIONS

Name \_\_\_\_\_

Score \_\_\_\_\_

OF:11

Example:  $5 + 2^3 \times (22 \div 11) - 3^2 \times (4 + 5)$   
 $= 5 + 2^3 \times 2 - 3^2 \times 9$   
 $= 5 + 8 \times 2 - 9 \times 9$   
 $= 5 + 16 - 81$   
 $= 21 - 81$   
 $= -60$

Solve each expression.

1)  $4^3 + (2 \times 6)$

\_\_\_\_\_

2)  $27 - (49 \div 7^2) + 2^2 \times (9 - 4)$

\_\_\_\_\_

3)  $(5 + 3)^2 - (4 + 5) \times 10$

\_\_\_\_\_

4)  $(11 \times 3) - 5^3 + 8$

\_\_\_\_\_

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

\_\_\_\_\_

6)  $25 + 3^3 \div (21 - 12) - 6^2$

\_\_\_\_\_

7)  $(4 + 1)^3 \div 5^2 + (14 \times 2) - 7$

\_\_\_\_\_

8)  $(88 \div 2^3) + 4^2$

\_\_\_\_\_



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## Answer key

OF:11

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Solve each expression.

1)  $4^3 + (2 \times 6)$

76

2)  $27 - (49 \div 7^2) + 2^2 \times (9 - 4)$

46

3)  $(5 + 3)^2 - (4 + 5) \times 10$

-26

4)  $(11 \times 3) - 5^3 + 8$

-84

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

43

6)  $25 + 3^3 \div (21 - 12) - 6^2$

-8

7)  $(4 + 1)^3 \div 5^2 + (14 \times 2) - 7$

26

8)  $(88 \div 2^3) + 4^2$

27