



# ORDER OF OPERATIONS

Name \_\_\_\_\_

Score \_\_\_\_\_

OF:12

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)  $3 - (45 \div 3^2) + 12 \times 4$

\_\_\_\_\_

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

\_\_\_\_\_

3)  $4^2 \div 8 - (7 + 2) \times 5 + 6$

\_\_\_\_\_

4)  $(11 + 3) - 5^3 \div 25 + 2^2 \times 5$

\_\_\_\_\_

5)  $(18 - 11) + 6^2$

\_\_\_\_\_

6)  $10 \times (84 \div 12) - 90$

\_\_\_\_\_

7)  $9 \div 3^2 + (8 + 5) - (2 \times 3)^2$

\_\_\_\_\_

8)  $35 + (2^3 - 4) \times 5$

\_\_\_\_\_



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## Answer key

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Solve each expression.

1)  $3 - (45 \div 3^2) + 12 \times 4$

46

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

36

3)  $4^2 \div 8 - (7 + 2) \times 5 + 6$

-37

4)  $(11 + 3) - 5^3 \div 25 + 2^2 \times 5$

29

5)  $(18 - 11) + 6^2$

43

6)  $10 \times (84 \div 12) - 90$

-20

7)  $9 \div 3^2 + (8 + 5) - (2 \times 3)^2$

-22

8)  $35 + (2^3 - 4) \times 5$

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