

Name : \_\_\_\_\_

## Order of Operations - GEMS

Sheet 2

Solve

1)  $27 + 4^2 - 6 - \{3 \cdot [(17 - 1) \div (4 - 2^3)]\} \cdot 2$

Ans =

2)  $\{7 + [(2^5 - 32) \div (1 \cdot 3^4)]\} - (74 - 4^3)$

Ans =

3)  $\{9^2 \cdot [(2 + 14) \div 8] +$

Ans =

$4 \cdot [3 \cdot (2^6 - 63)^5]\}$

5)  $5 + 8^2 \div \{[(7 \cdot 2 + 2)$

Ans =

$]\} - (4^4 - 5)$

7)  $[(3^2 \cdot 4) \div 4] + \{[(5^3 \cdot$

Ans =

$5]\} + 35 - [3^6 - (40 \cdot 15)]$

Ans =

9)  $(6^2 - 36) \div \{(1 + 5^5) \div [(3 \cdot 2 + 3^4) - 81]\}$

Ans =

10)  $5 \cdot 2^4 - \{8^2 \div 4 + [4 \cdot (7 - 2)]\} + (5 \cdot 3 - 4^3)$

Ans =

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## Answer Key

# Order of Operations - GEMS

Sheet 2

Solve

1)  $27 + 4^2 - 6 - \{3 \cdot [(17 - 1) \div (4 - 2^3)]\} \cdot 2$

Ans = **61**

2)  $\{7 + [(2^5 - 32) \div (1 \cdot 3^4)]\} - (74 - 4^3)$

Ans = **-3**

3)  $\{9^2 \cdot [(2 + 14) \div 8] +$

Ans = **42**

$4 \cdot [3 \cdot (2^6 - 63)^5]\}$

5)  $5 + 8^2 \div \{[(7 \cdot 2 + 2)$

Ans = **250**

$]\} - (4^4 - 5)$

7)  $[(3^2 \cdot 4) \div 4] + \{[(5^3 \cdot$

Ans = **-14**

$5]\} + 35 - [3^6 - (40 \cdot 15)]$

9)  $(6^2 - 36) \div \{(1 + 5^5) \div [(3 \cdot 2 + 3^4) - 81]\}$

Ans = **0**

10)  $5 \cdot 2^4 - \{8^2 \div 4 + [4 \cdot (7 - 2)]\} + (5 \cdot 3 - 4^3)$

Ans = **-5**

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