STIRLING TUITION

# Q1 (Substitution) Day 67 Name: _____

**1.** If **a = 1 b = 2 and c = 3**

Write the correct number in each of the boxes below.

$a^2 + c =$ _____

$c^3 - b =$ _____

**2.** If **a = 2 b = 3 and c = 4**

Write the correct number in each of the boxes below.

$b + a^2 =$ _____

$a^3 - c =$ _____

**3.** If **a = 3 b = 4 and c = 5**

Write the correct number in each of the boxes below.

$c + a^2 =$ _____

$b^2 - c =$ _____

**4.** If **a = 4 b = 6 and c = 6**

Write the correct number in each of the boxes below.

$c^2 + a =$ _____

$a^3 - b =$ _____

**5.** If **a = 4 b = 2 and c = 6**

Write the correct number in each of the boxes below.

$b^3 + c =$ _____

$a^2 - b =$ _____

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**6.** If **a = 5 b = 2 and c = 1**

Write the correct number in each of the boxes below.

$c^2 + b^2 =$ _____

$a^3 - c^3 =$ _____

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**7.** If **a = 9 b = 3 and c = 2**

Write the correct number in each of the boxes below.

$a^2 - c =$ _____

$c^3 + b^2 =$ _____

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**8.** If **a = 8 b = 6 and c = 3**

Write the correct number in each of the boxes below.

$b^2 - a =$ _____

$a^2 + c^3 =$ _____

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**9.** If **a = 11 b = 10 and c = 6**

Write the correct number in each of the boxes below.

$c^3 - a^2$ = _____

$b^2 + c$ = _____

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**10.** If **a = 7 b = 4 and c = 7**

Write the correct number in each of the boxes below.

$c^2 - a$ = _____

$a^3 + b^2$ = _____

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**11.** If **a = 10 b = 14 and c = 15**

Write the correct number in each of the boxes below.

$c^2 - b^2$ = _____

$a^3 + b$ = _____

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**12.** If **a = 20 b = 21 and c = 8**

Write the correct number in each of the boxes below.

$c^3 - b$ = _____

$a^3 + c^2$ = _____

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STIRLING TUITION

**Answers**

| | | |
|---|---|---|
| **1.** | **4** | **25** |
| **2.** | **7** | **4** |
| **3.** | **14** | **11** |
| **4.** | **40** | **58** |
| **5.** | **14** | **14** |
| **6.** | **5** | **124** |
| **7.** | **79** | **17** |
| **8.** | **28** | **91** |
| **9.** | **95** | **106** |
| **10.** | **42** | **359** |
| **11.** | **29** | **1014** |
| **12.** | **491** | **8064** |