STIRLING TUITION

Q5 (Substitution) Day 3 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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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**