## In and Out Boxes

Fill in the Empty Boxes.
1)

| In | Out |
| :--- | :--- |
| 11 |  |
| 12 |  |
| 17 |  |
| 18 |  |

Rule: Subtract 6
2)

| In | Out |
| :--- | :--- |
| 17 |  |
| 23 |  |
| 24 |  |
| 27 |  |

Rule: Subtract 13
3)

| $\operatorname{In}$ | Out |
| :--- | :--- |
| 15 |  |
| 16 |  |
| 21 |  |
| 22 |  |

Rule: Subtract 15

4) | In | Out |
| :---: | :---: |
| 3 |  |
| 5 |  |
| 6 |  |
| 13 |  |

Rule: Add 10
5)

| $\ln$ | 8 | 10 | 11 | 12 |
| :--- | :--- | :--- | :--- | :--- |
| Out |  |  |  |  |

Rule: Add 11
6)

| $\ln$ | 2 | 4 | 7 | 12 |
| :--- | :--- | :--- | :--- | :--- |
| Out |  |  |  |  |

Rule: Add 12

Robert and Sam were born on the exact day, but not in the same year.
Their ages are shown in the table below.

| Robert's Age | 5 | 10 | 18 | 21 | 22 | 23 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Sam's Age | 9 | 14 | 22 | 25 | 26 | 27 |

7) When Robert was 10 , how old was Sam? $\qquad$
8) When Sam was 26 , how old was Robert? $\qquad$
9) How much older is Sam than Robert? $\qquad$
10) Which choice best explains the rule for this table? (Circle One)
a. Add 4 to Robert's Age to find Sam's age.
b. Subtract 4 from Robert's Age to find Sam's age.
c. Add 4 to Sam's Age to find Robert's age.
d. Subtract 3 from Sam's Age to find Robert's age.
