



Name: _____

Date: _____

Inputs and Outputs

1. $\text{text}\{\text{Rule: } 4x + 3, \text{Output: } 19\}$, $\text{text}\{\text{Input: } 6, \text{Rule: } 4x + 4, \text{Output: } 20\}$, $\text{text}\{\text{Input: } 7, \text{Rule: } 3x + 3, \text{Output: } 18\}$, $\text{text}\{\text{Input: } 8, \text{Rule: } 3x + 6, \text{Output: } 15\}$, $\text{text}\{\text{Input: } 9, \text{Rule: } 2x + 9, \text{Output: } 17\}$, $\text{text}\{\text{Input: } 10, \text{Rule: } 3x + 7, \text{Output: } 37\}$, $\text{text}\{\text{Input: } 11, \text{Rule: } 2x + 4, \text{Output: } 20\}$
2. $\text{text}\{\text{Rule: } 4x + 10, \text{Output: } 14\}$, $\text{text}\{\text{Input: } 1, \text{Rule: } 3x + 3, \text{Output: } 18\}$, $\text{text}\{\text{Input: } 2, \text{Rule: } 3x + 6, \text{Output: } 15\}$, $\text{text}\{\text{Input: } 3, \text{Rule: } 2x + 9, \text{Output: } 17\}$, $\text{text}\{\text{Input: } 4, \text{Rule: } 3x + 7, \text{Output: } 37\}$, $\text{text}\{\text{Input: } 5, \text{Rule: } 2x + 4, \text{Output: } 20\}$
3. $\text{text}\{\text{Rule: } 3x + 6, \text{Output: } 15\}$, $\text{text}\{\text{Input: } 1, \text{Rule: } 3x + 8, \text{Output: } 17\}$, $\text{text}\{\text{Input: } 2, \text{Rule: } 2x + 9, \text{Output: } 17\}$, $\text{text}\{\text{Input: } 3, \text{Rule: } 3x + 7, \text{Output: } 37\}$, $\text{text}\{\text{Input: } 4, \text{Rule: } 2x + 4, \text{Output: } 20\}$
4. $\text{text}\{\text{Rule: } 2x + 9, \text{Output: } 17\}$, $\text{text}\{\text{Input: } 1, \text{Rule: } 4x + 6, \text{Output: } 26\}$, $\text{text}\{\text{Input: } 2, \text{Rule: } 3x + 6, \text{Output: } 15\}$, $\text{text}\{\text{Input: } 3, \text{Rule: } 2x + 9, \text{Output: } 17\}$, $\text{text}\{\text{Input: } 4, \text{Rule: } 3x + 7, \text{Output: } 37\}$, $\text{text}\{\text{Input: } 5, \text{Rule: } 2x + 4, \text{Output: } 20\}$
5. $\text{text}\{\text{Rule: } 3x + 7, \text{Output: } 37\}$, $\text{text}\{\text{Input: } 1, \text{Rule: } 2x + 4, \text{Output: } 20\}$, $\text{text}\{\text{Input: } 2, \text{Rule: } 3x + 6, \text{Output: } 15\}$, $\text{text}\{\text{Input: } 3, \text{Rule: } 2x + 9, \text{Output: } 17\}$, $\text{text}\{\text{Input: } 4, \text{Rule: } 3x + 7, \text{Output: } 37\}$, $\text{text}\{\text{Input: } 5, \text{Rule: } 2x + 4, \text{Output: } 20\}$



Inputs and Outputs – Answer Key

1. text{Rule: } $4x + 3$, text{ Output: } 19, text{6Input Rule: } $4x + 4$, text{ Output: } 20, text{ Input
 $x = 4$ } $x = 4$

2. text{Rule: } $4x + 10$, text{ Output: } 14, text{7Input Rule: } $3x + 3$, text{ Output: } 18, text{ Input
 $x = 1$ } $x = 5$

3. text{Rule: } $3x + 6$, text{ Output: } 15, text{8Input Rule: } $3x + 8$, text{ Output: } 17, text{ Input
 $x = 3$ } $x = 3$

4. text{Rule: } $2x + 9$, text{ Output: } 17, text{9Input Rule: } $4x + 6$, text{ Output: } 26, text{ Input
 $x = 4$ } $x = 5$

5. text{Rule: } $3x + 7$, text{ Output: } 37, text{10Input Rule: } $2x + 4$, text{ Output: } 20, text{ Input
 $x = 10$ } $x = 8$