Unit 2 - Inputs and Outputs

1. Rule: 5(x + 10), Input: 6, Output: ?

2. Rule: 4(x + 3) + 5, Output: 41, Input: ?

3. Pattern: (2, 16), (7, 36). Find output for input 12

4. Rule: 2(x + 6) + 8, Output: 26, Input: ?

5. Rule: 5(x + 15), Input: 5, Output: ?

6. Rule: 5(x + 14), Input: 6, Output: ?

7. Pattern: (4, 26), (7, 38). Find output for input 9

8. Pattern: (3, 21), (7, 37). Find output for input 11

Unit 2 - Inputs and Outputs - Answer Key

1. Rule: 5(x + 10), Input: 6, Output: ?

   x = 80

2. Rule: 4(x + 3) + 5, Output: 41, Input: ?

   x = 6

3. Pattern: (2, 16), (7, 36). Find output for input 12

   x = 56

4. Rule: 2(x + 6) + 8, Output: 26, Input: ?

   x = 3

5. Rule: 5(x + 15), Input: 5, Output: ?

   x = 100

6. Rule: 5(x + 14), Input: 6, Output: ?

   x = 100

7. Pattern: (4, 26), (7, 38). Find output for input 9

   x = 46

8. Pattern: (3, 21), (7, 37). Find output for input 11

   x = 53