Inputs and Outputs

1. Pattern: (1, 11), (8, 25). Find output for input 7

2. Rule: $2(x + 5) + 5$, Output: 25, Input: ?

3. Pattern: (3, 25), (6, 40). Find output for input 6

4. Rule: $3(x + 5)$, Input: 6, Output: ?

5. Pattern: (4, 27), (6, 37). Find output for input 11

6. Pattern: (4, 24), (5, 28). Find output for input 11

7. Pattern: (1, 11), (8, 46). Find output for input 10

8. Pattern: (4, 13), (5, 15). Find output for input 10

Inputs and Outputs

9. Rule: 4(x + 5) + 5, Output: 37, Input: ?   10. Rule: 5(x + 11), Input: 4, Output: ?

Inputs and Outputs - Answer Key

1. Pattern: (1, 11), (8, 25). Find output for input 7

   x = 23

2. Rule: 2(x + 5) + 5, Output: 25, Input: ?

   x = 5

3. Pattern: (3, 25), (6, 40). Find output for input 6

   x = 40

4. Rule: 3(x + 5), Input: 6, Output: ?

   x = 33

5. Pattern: (4, 27), (6, 37). Find output for input 11

   x = 62

6. Pattern: (4, 24), (5, 28). Find output for input 11

   x = 52

7. Pattern: (1, 11), (8, 46). Find output for input 10

   x = 56

8. Pattern: (4, 13), (5, 15). Find output for input 10

   x = 25

Inputs and Outputs - Answer Key

9. Rule: $4(x + 5) + 5$, Output: 37, Input: ?

   x = 3

10. Rule: $5(x + 11)$, Input: 4, Output: ?

    x = 75