



Name: _____

Date: _____

Inputs Outputs medium Test

1. Input: 6, Rule: multiply by 2 then add 7, Output: ?
6. Input: 8, Rule: multiply by 5 then add 1, Output: ?
2. Input: 7, Rule: multiply by 4 then add 2, Output: ?
3. Input: 5, Rule: multiply by 3 then add 5, Output: ?
4. Input: 2, Rule: multiply by 5 then add 7, Output: ?
5. Input: 5, Rule: multiply by 3 then add 2, Output: ?



Inputs Outputs medium Test – Answer Key

1. Input: 6, Rule: multiply by 2 then add 7, Output: ?
6. Input: 8, Rule: multiply by 5 then add 1, Output: ?

$$x = 19$$

$$x = 41$$

2. Input: 7, Rule: multiply by 4 then add 2, Output: ?

$$x = 30$$

3. Input: 5, Rule: multiply by 3 then add 5, Output: ?

$$x = 20$$

4. Input: 2, Rule: multiply by 5 then add 7, Output: ?

$$x = 17$$

5. Input: 5, Rule: multiply by 3 then add 2, Output: ?

$$x = 17$$