Fresh Math

Algebra 1 - Unit 2 - Inputs and Outputs (Medium)

1. Input: 5, Rule: multiply by 3 then add 1, Output: ?

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

3. Input: 7, Rule: multiply by 5 then add 6, Output: ?

4. Input: 7, Rule: multiply by 4 then add 3, Output: ?

5. Input: 4, Rule: multiply by 2 then add 1, Output: ?

6. Input: 4, Rule: multiply by 3 then add 4, Output: ?

7. Input: 3, Rule: multiply by 5 then add 6, Output: ?

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

9. Input: 3, Rule: multiply by 4 then add 1, Output: ?

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

Algebra 1 - Unit 2 - Inputs and Outputs (Medium) - Answer Key

1. Input: 5, Rule: multiply by 3 then add 1, Output: ?

   x = 16

6. Input: 4, Rule: multiply by 3 then add 4, Output: ?

   x = 16

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

   x = 41

7. Input: 3, Rule: multiply by 5 then add 6, Output: ?

   x = 21

3. Input: 7, Rule: multiply by 5 then add 6, Output: ?

   x = 41

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

   x = 42

4. Input: 7, Rule: multiply by 4 then add 3, Output: ?

   x = 31

9. Input: 3, Rule: multiply by 4 then add 1, Output: ?

   x = 13

5. Input: 4, Rule: multiply by 2 then add 1, Output: ?

   x = 9

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

    x = 13