Inputs and Outputs

1. text{Input: } 4, text{ Rule: multiply by } 3 text{ then add } 3, text{Output: ?}

2. text{Input: } 8, text{ Rule: multiply by } 5 text{ then add } 4, text{Output: ?}

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

4. text{Input: } 2, text{ Rule: multiply by } 4 text{ then add } 1, text{Output: ?}

5. text{Input: } 7, text{ Rule: multiply by } 5 text{ then add } 4, text{Output: ?}

Inputs and Outputs – Answer Key

1. text{Input: } 4, text{ Rule: multiply by } 3 text{ then add }43, text{ Rule: multiply by } 3 text{ th

   x = 15   x = 18

2. text{Input: } 8, text{ Rule: multiply by } 5 text{ then add }44 text{ Rule: multiply by } 2 text{ th

   x = 44   x = 9

3. text{Input: } 3, text{ Rule: multiply by } 5 text{ then add }22 text{ Rule: multiply by } 3 text{ th

   x = 17   x = 8

4. text{Input: } 2, text{ Rule: multiply by } 4 text{ then add }61 text{ Rule: multiply by } 5 text{ th

   x = 9   x = 33

5. text{Input: } 7, text{ Rule: multiply by } 5 text{ then add } 1, text{ Rule: multiply by } 5 text{

   x = 36   x = 27