Name: _____ Date: _____

Nonlinear sequences

Write the answer in the box. Some answers have a pick list.



1. Start at 5. The first jump is +3. Each jump is 1 larger than the previous jump. What is the fifth term?
   💡 Hint: Look at the jumps. Do they grow by the same amount each time?
   23

2. The jumps repeat in pairs. Give the next two terms in order. 13, 17, 24, 28, 35, ___, ___.
   💡 Hint: Look at the jumps. Do they grow by the same amount each time?
   39 , **46**

3. Start at 6. The first jump is +4. Each jump is 1 larger than the previous jump. What is the fifth term?
   💡 Hint: Look at the jumps. Do they grow by the same amount each time?
   28

4. The jumps repeat in pairs. Give the next two terms in order. 16, 23, 33, 40, 50, ___, ___.
   💡 Hint: Look at the jumps. Do they grow by the same amount each time?
   57 , **67**

5. Start at 8. The first jump is +6. Each jump is 1 larger than the previous jump. What is the fifth term?
   💡 Hint: Look at the jumps. Do they grow by the same amount each time?
   38

6. Start at 4. The first jump is +2. Each jump is 1 larger than the previous jump. What is the fifth term?
   💡 Hint: Look at the jumps. Do they grow by the same amount each time?
   18

7. Start at 4 and double each time. Write the fourth and fifth terms in order.
   💡 Hint: Look at the jumps. Do they grow by the same amount each time?
   32 , **64**

8. Start at 6 and double each time. Write the fourth and fifth terms in order.
   💡 Hint: Look at the jumps. Do they grow by the same amount each time?
   48 , **96**

9. Start at 5 and double each time. Write the fourth and fifth terms in order.
   💡 Hint: Look at the jumps. Do they grow by the same amount each time?
   40 , **80**

10. The jumps repeat in pairs. Give the next two terms in order. 15, 21, 30, 36, 45, ___, ___.
    💡 Hint: Look at the jumps. Do they grow by the same amount each time?
    51 , **60**