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?
   _____

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?
   _____ , _____

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?
   _____

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?
   _____ , _____

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?
   _____

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?
   _____

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?
   _____ , _____

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?
   _____ , _____

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?
   _____ , _____

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?
    _____ , _____