Name: _____ Date: _____

Linear sequences

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



1 What is the term-to-term rule? 95, 87, 79, 71, ...

💡 Hint: Find the jump between two numbers next to each other. Is it the same every time?

- ◯ subtract 8
- ◯ subtract 7
- ◯ add 8
- ◯ subtract 9

subtract 8

2 Classify the pattern shown as linear or non-linear. 8, 11, 14, 18, ...

💡 Hint: Find the jump between two numbers next to each other. Is it the same every time?

non-linear

3 What is the term-to-term rule? 98, 89, 80, 71, ...

💡 Hint: Find the jump between two numbers next to each other. Is it the same every time?

- ◯ add 9
- ◯ subtract 9
- ◯ subtract 8
- ◯ subtract 10

subtract 9

4 Classify the pattern shown as linear or non-linear. 14, 20, 26, 32, ...

💡 Hint: Find the jump between two numbers next to each other. Is it the same every time?

linear

5 What is the term-to-term rule? 104, 93, 82, 71, …

💡 Hint: Find the jump between two numbers next to each other. Is it the same every time?

- ◯ subtract 10
- ◯ subtract 11
- ◯ subtract 12
- ◯ add 11

subtract 11

6 What is the term-to-term rule? 92, 85, 78, 71, …

💡 Hint: Find the jump between two numbers next to each other. Is it the same every time?

- ◯ add 7
- ◯ subtract 7
- ◯ subtract 6
- ◯ subtract 8

subtract 7

7 What is the term-to-term rule? 11, 16, 21, 26, …

💡 Hint: Find the jump between two numbers next to each other. Is it the same every time?

- ◯ subtract 5
- ◯ add 5
- ◯ add 6
- ◯ add 4

add 5

8 What is the term-to-term rule? 15, 22, 29, 36, …

💡 Hint: Find the jump between two numbers next to each other. Is it the same every time?

- ◯ add 6
- ◯ add 8
- ◯ add 7
- ◯ subtract 7

add 7

9 What is the term-to-term rule? 13, 19, 25, 31, …

💡 Hint: Find the jump between two numbers next to each other. Is it the same every time?

- ◯ add 7
- ◯ add 6
- ◯ add 5
- ◯ subtract 6

add 6

10 Classify the pattern shown as linear or non-linear. 12, 17, 22, 28, …

💡 Hint: Find the jump between two numbers next to each other. Is it the same every time?

non-linear