



Patterns and Input/Output Tables

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: The Grade 4 sequence 50, 45, 40, 35 increases by 5 each time.

Rewrite: _____

2. Fix the sentence: In the Grade 4 sequence 100, 90, 80, 70, the next term is 65.

Rewrite: _____

3. Fix the sentence: The Grade 4 rule for 24, 21, 18, 15 is subtract 2 each time.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- The Grade 4 sequence 50, 45, 40, 35 has the rule subtract _____ each time.
- In the Grade 4 sequence 80, 70, 60, _____, the next term is fifty.
- If a Grade 4 sequence starts at 36 and the rule is subtract 4, the second term is _____.
- The Grade 4 sequence 90, 81, 72, 63 has a function rule of subtract _____ each step.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Write the next two terms in the Grade 4 sequence 64, 56, 48, 40 and name the rule.

2. Explain how to find the missing term in the Grade 4 sequence 75, 70, ____, 60, 55.

Answer Key · Patterns and Input/Output Tables · Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: The Grade 4 sequence 50, 45, 40, 35 increases by 5 each time.

Rewrite: The Grade 4 sequence 50, 45, 40, 35 decreases by 5 each time.

2. Fix the sentence: In the Grade 4 sequence 100, 90, 80, 70, the next term is 65.

Rewrite: In the Grade 4 sequence 100, 90, 80, 70, the next term is 60.

3. Fix the sentence: The Grade 4 rule for 24, 21, 18, 15 is subtract 2 each time.

Rewrite: The Grade 4 rule for 24, 21, 18, 15 is subtract 3 each time.

Part B: Fill in the Blank

Write the missing word or number on each line.

- The Grade 4 sequence 50, 45, 40, 35 has the rule subtract 5 each time.
- In the Grade 4 sequence 80, 70, 60, 50, the next term is fifty.
- If a Grade 4 sequence starts at 36 and the rule is subtract 4, the second term is 32.
- The Grade 4 sequence 90, 81, 72, 63 has a function rule of subtract 9 each step.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Write the next two terms in the Grade 4 sequence 64, 56, 48, 40 and name the rule.

The rule subtracts 8, so the next two terms in this Grade 4 sequence are 32 and 24.

2. Explain how to find the missing term in the Grade 4 sequence 75, 70, ____, 60, 55.

The rule subtracts 5, so the missing term in this Grade 4 sequence is 65.
