



Patterns and Number Sequences

Name: _____

Date: _____

Grade: Grade 3

Part A: Fix the Sentence

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

1. Fix the sentence: The next number in 25, 30, 35, 40 is 50.

Rewrite: _____

2. Fix the sentence: The pattern 10, 8, 6, 4 uses the rule add 2.

Rewrite: _____

3. Fix the sentence: The pattern 9, 12, 15, 18 continues with 22.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- The pattern 14, 21, 28, 35 follows the rule add _____ .
- What comes next in 40, 36, 32, 28, _____ ?
- In the repeating pattern A, B, B, A, B, B, the next letter is _____ .
- An input-output table uses the rule subtract 4. If the input is 20, the output is _____ .

Part C: True or False?

Read each statement. Circle True or False.

- The pattern 6, 9, 12, 15, 18 uses the rule add 3. True False
- If the input is 5 and the rule is add 10, the output is 20. True False
- In a growing pattern, each number is larger than the one before it. True False

Part A: Fix the Sentence

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

1. Fix the sentence: The next number in 25, 30, 35, 40 is 50.

Rewrite: The next number in 25, 30, 35, 40 is 45.

2. Fix the sentence: The pattern 10, 8, 6, 4 uses the rule add 2.

Rewrite: The pattern 10, 8, 6, 4 uses the rule subtract 2.

3. Fix the sentence: The pattern 9, 12, 15, 18 continues with 22.

Rewrite: The pattern 9, 12, 15, 18 continues with 21.

Part B: Fill in the Blank

Write the missing word or number on each line.

- The pattern 14, 21, 28, 35 follows the rule add 7.
- What comes next in 40, 36, 32, 28, 24 ?
- In the repeating pattern A, B, B, A, B, B, the next letter is A.
- An input-output table uses the rule subtract 4. If the input is 20, the output is 16.

Part C: True or False?

Read each statement. Circle True or False.

- The pattern 6, 9, 12, 15, 18 uses the rule add 3. True False
- If the input is 5 and the rule is add 10, the output is 20. True False
- In a growing pattern, each number is larger than the one before it. True False