



# 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 5, 10, 15, 20 is 22.

Rewrite: \_\_\_\_\_

2. Fix the sentence: The rule for the pattern 2, 4, 6, 8 is add 3.

Rewrite: \_\_\_\_\_

3. Fix the sentence: The pattern 3, 6, 9, 12 continues with 14.

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

- In the pattern A, B, C, A, B, C, the next letter is \_\_\_\_\_.
- The pattern 10, 20, 30, 40 follows the rule add \_\_\_\_\_.
- What comes next in 4, 8, 12, 16, \_\_\_\_\_?
- An input-output table uses the rule add 5. If the input is 7, the output is \_\_\_\_\_.

## Part C: True or False?

Read each statement. Circle True or False.

- The pattern 1, 3, 5, 7, 9 follows the rule add 2.  True  False
- In the pattern 10, 20, 30, 40, the next number is 45.  True  False
- A repeating pattern like red, blue, red, blue uses the same group over and over.  True  False

### Part A: Fix the Sentence

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

1. Fix the sentence: The next number in 5, 10, 15, 20 is 22.

Rewrite: The next number in 5, 10, 15, 20 is 25.

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2. Fix the sentence: The rule for the pattern 2, 4, 6, 8 is add 3.

Rewrite: The rule for the pattern 2, 4, 6, 8 is add 2.

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3. Fix the sentence: The pattern 3, 6, 9, 12 continues with 14.

Rewrite: The pattern 3, 6, 9, 12 continues with 15.

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### Part B: Fill in the Blank

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Write the missing word or number on each line.

- In the pattern A, B, C, A, B, C, the next letter is A.
- The pattern 10, 20, 30, 40 follows the rule add 10.
- What comes next in 4, 8, 12, 16, 20 ?
- An input-output table uses the rule add 5. If the input is 7, the output is 12.

### Part C: True or False?

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Read each statement. Circle True or False.

- The pattern 1, 3, 5, 7, 9 follows the rule add 2.  True  False
- In the pattern 10, 20, 30, 40, the next number is 45.  True  False
- A repeating pattern like red, blue, red, blue uses the same group over and over.  True  False