



# 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 9, 18, 27, 36 is 44.

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

2. Fix the sentence: The rule for the pattern 30, 25, 20, 15 is add 5.

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

3. Fix the sentence: In the pattern 7, 14, 21, 28, the next number is 34.

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

## Part B: Fill in the Blank

Write the missing word or number on each line.

- The pattern 8, 16, 24, 32 follows the rule add \_\_\_\_\_.
- What comes next in 11, 22, 33, 44, \_\_\_\_\_?
- In the repeating pattern sun, moon, star, sun, moon, the next shape is \_\_\_\_\_.
- An input-output table uses the rule add 6. If the input is 14, the output is \_\_\_\_\_.

## Part C: True or False?

Read each statement. Circle True or False.

- The pattern 12, 15, 18, 21 follows the rule add 3.  True  False
- The next number after 50, 40, 30, 20 is 15.  True  False
- A shrinking pattern gets smaller each time.  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 9, 18, 27, 36 is 44.

Rewrite: The next number in 9, 18, 27, 36 is 45.

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2. Fix the sentence: The rule for the pattern 30, 25, 20, 15 is add 5.

Rewrite: The rule for the pattern 30, 25, 20, 15 is subtract 5.

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3. Fix the sentence: In the pattern 7, 14, 21, 28, the next number is 34.

Rewrite: In the pattern 7, 14, 21, 28, the next number is 35.

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### Part B: Fill in the Blank

Write the missing word or number on each line.

- The pattern 8, 16, 24, 32 follows the rule add 8 .
- What comes next in 11, 22, 33, 44, 55 ?
- In the repeating pattern sun, moon, star, sun, moon, the next shape is star .
- An input-output table uses the rule add 6. If the input is 14, the output is 20 .

### Part C: True or False?

Read each statement. Circle True or False.

- The pattern 12, 15, 18, 21 follows the rule add 3.  True  False
- The next number after 50, 40, 30, 20 is 15.  True  False
- A shrinking pattern gets smaller each time.  True  False