



Patterns and Input/Output Tables

Name: _____

Date: _____

Grade: Grade 4

Part A: Multiple Choice

Circle the best answer for each question.

1. In a Grade 4 table with rule input times 4, the output is 36. What is the input?

- A) 7
- B) 8
- C) 9
- D) 10

2. In a Grade 4 table with rule input plus 8, the output is 21. What is the input?

- A) 11
- B) 12
- C) 13
- D) 14

3. In a Grade 4 table with rule input times 3, the output is 27. What is the input?

- A) 7
- B) 8
- C) 9
- D) 10

4. In a Grade 4 table with rule input minus 5, the output is 17. What is the input?

- A) 20
- B) 21
- C) 22
- D) 23

Part B: Fill in the Blank

Write the correct answer on each line.

1. In a Grade 4 table with rule input times 6, if the output is 42, the input is _____.
2. In a Grade 4 table with rule input plus 12, if the output is 30, the input is _____.
3. In a Grade 4 table with rule input divided by 4, if the output is 6, the input is _____.
4. In a Grade 4 table with rule input times 5 plus 1, if the output is 26, the input is _____.
5. In a Grade 4 table with rule input minus 9, if the output is 11, the input is _____.

Part A: Multiple Choice

Circle the best answer for each question.

1. In a Grade 4 table with rule input times 4, the output is 36. What is the input?

- A) 7
- B) 8
- C) 9
- D) 10

2. In a Grade 4 table with rule input plus 8, the output is 21. What is the input?

- A) 11
- B) 12
- C) 13
- D) 14

3. In a Grade 4 table with rule input times 3, the output is 27. What is the input?

- A) 7
- B) 8
- C) 9
- D) 10

4. In a Grade 4 table with rule input minus 5, the output is 17. What is the input?

- A) 20
- B) 21
- C) 22
- D) 23

Part B: Fill in the Blank

Write the correct answer on each line.

1. In a Grade 4 table with rule input times 6, if the output is 42, the input is 7 .
2. In a Grade 4 table with rule input plus 12, if the output is 30, the input is 18 .
3. In a Grade 4 table with rule input divided by 4, if the output is 6, the input is 24 .
4. In a Grade 4 table with rule input times 5 plus 1, if the output is 26, the input is 5 .
5. In a Grade 4 table with rule input minus 9, if the output is 11, the input is 20 .