Rules for Number Patterns

FLORIDA GRADE 5 MATH | B.E.S.T. BENCHMARK MA.5.AR.3.1 | STUDENT WORKSHEET

Name: _____ **Date:** _____

Directions: Solve each problem. Show your work in the space provided.

1. Write a rule for the pattern: 7, 14, 21, 28, ...

2. Write a rule for the pattern: 2, 7, 12, 17, ...

3. Find the next two numbers: 4, 12, 36, ...

4. Position 1, 2, 3, 4 has values 3, 5, 7, 9. Write an expression for the value at position n.

5. What is the rule, and what is the next number? 100, 91, 82, 73, ...

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FLORIDA GRADE 5 MATH | B.E.S.T. BENCHMARK MA.5.AR.3.1 | ANSWER KEY

Answer Key

1. Add 7 (or 7 × n)

2. Add 5 (or 5 × n − 3)

3. 108, 324

Multiply by 3.

4. 2 × n + 1

Check: 2 × 4 + 1 = 9

5. Subtract 9; 64

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