

**Determine which choice best describes the rule the pattern is using.****Answers****1)** 7, 16, 25, 34, 43, 52

- A. Add 7
- B. Add 9
- C. Subtract 6
- D. Multiply 2

2) 4, 12, 36, 108, 324

- A. Add 5
- B. Subtract 6
- C. Multiply 3
- D. Multiply 2

3) 6, 16, 26, 36, 46, 56, 66, 76

- A. Add 10
- B. Add 3
- C. Subtract 7
- D. Multiply 3

4) 67, 57, 47, 37, 27, 17, 7

- A. Subtract 10
- B. Add 6
- C. Subtract 2
- D. Multiply 7

5) 28, 22, 16, 10, 4

- A. Add 2
- B. Subtract 9
- C. Subtract 6
- D. Multiply 3

6) 9, 27, 81, 243, 729

- A. Multiply 3
- B. Add 8
- C. Subtract 6
- D. Multiply 8

7) 19, 15, 11, 7, 3

- A. Add 3
- B. Subtract 6
- C. Subtract 4
- D. Multiply 8

8) 13, 11, 9, 7, 5, 3, 1

- A. Add 9
- B. Subtract 8
- C. Subtract 2
- D. Multiply 2

9) 108, 36, 12, 4

- A. Add 9
- B. Subtract 9
- C. Divide 3
- D. Multiply 4

10) 9, 36, 144, 576

- A. Add 7
- B. Subtract 8
- C. Multiply 7
- D. Multiply 4

11) 384, 96, 24, 6

- A. Divide 4
- B. Add 9
- C. Subtract 8
- D. Multiply 3

12) 7, 13, 19, 25, 31, 37, 43, 49

- A. Add 7
- B. Subtract 5
- C. Multiply 2
- D. Add 6

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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- A. Add 10
- B. Add 3
- C. Subtract 7
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4) 67, 57, 47, 37, 27, 17, 7

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- B. Add 6
- C. Subtract 2
- D. Multiply 7

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- A. Add 2
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- B. Subtract 9
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- B. Subtract 8
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- A. Divide 4
- B. Add 9
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12) 7, 13, 19, 25, 31, 37, 43, 49

- A. Add 7
- B. Subtract 5
- C. Multiply 2
- D. Add 6

1. **B**2. **C**3. **A**4. **A**5. **C**6. **A**7. **C**8. **C**9. **C**10. **D**11. **A**12. **D**