

**Determine which choice best describes the rule the pattern is using.****Answers****1)** 3, 13, 23, 33, 43, 53, 63, 73

- A. Add 3
- B. Subtract 9
- C. Multiply 7
- D. Add 10

2) 2, 10, 18, 26, 34, 42, 50

- A. Add 8
- B. Add 4
- C. Subtract 8
- D. Multiply 10

3) 2, 6, 18, 54, 162

- A. Add 10
- B. Subtract 4
- C. Multiply 7
- D. Multiply 3

4) 32, 16, 8, 4, 2

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

5) 512, 128, 32, 8

- A. Add 5
- B. Subtract 5
- C. Divide 4
- D. Multiply 8

6) 10, 14, 18, 22, 26, 30, 34, 38

- A. Add 4
- B. Add 6
- C. Subtract 2
- D. Multiply 2

7) 32, 26, 20, 14, 8

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

8) 4, 12, 36, 108, 324

- A. Add 5
- B. Multiply 3
- C. Subtract 3
- D. Multiply 10

9) 7, 28, 112, 448

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

10) 23, 19, 15, 11, 7, 3

- A. Add 2
- B. Subtract 7
- C. Multiply 4
- D. Subtract 4

11) 24, 21, 18, 15, 12, 9, 6

- A. Add 10
- B. Subtract 3
- C. Subtract 6
- D. Multiply 2

12) 5, 25, 125, 625, 3125

- A. Add 6
- B. Subtract 10
- C. Multiply 5
- D. Multiply 6

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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- A. Add 8
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- A. Add 10
- B. Subtract 4
- C. Multiply 7
- D. Multiply 3

4) 32, 16, 8, 4, 2

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

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- B. Subtract 5
- C. Divide 4
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- B. Add 6
- C. Subtract 2
- D. Multiply 2

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

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- A. Add 2
- B. Subtract 7
- C. Multiply 4
- D. Subtract 4

11) 24, 21, 18, 15, 12, 9, 6

- A. Add 10
- B. Subtract 3
- C. Subtract 6
- D. Multiply 2

12) 5, 25, 125, 625, 3125

- A. Add 6
- B. Subtract 10
- C. Multiply 5
- D. Multiply 6

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