



Determine which choice best describes the rule the pattern is using.

**Answers**

- 1) 2, 5, 8, 11, 14, 17, 20, 23  
 A. Add 2  
 B. Subtract 5  
 C. Add 3  
 D. Multiply 8

- 2) 39, 34, 29, 24, 19, 14, 9  
 A. Add 4  
 B. Subtract 2  
 C. Subtract 5  
 D. Multiply 4

- 3) 55, 47, 39, 31, 23, 15, 7  
 A. Add 2  
 B. Subtract 3  
 C. Multiply 5  
 D. Subtract 8

- 4) 7, 9, 11, 13, 15, 17, 19  
 A. Add 2  
 B. Add 8  
 C. Subtract 4  
 D. Multiply 9

- 5) 64, 32, 16, 8  
 A. Add 7  
 B. Subtract 7  
 C. Divide 2  
 D. Multiply 5

- 6) 2, 8, 32, 128, 512  
 A. Add 8  
 B. Subtract 6  
 C. Multiply 4  
 D. Multiply 6

- 7) 9, 11, 13, 15, 17, 19  
 A. Add 5  
 B. Subtract 3  
 C. Multiply 4  
 D. Add 2

- 8) 9, 36, 144, 576  
 A. Add 7  
 B. Subtract 5  
 C. Multiply 4  
 D. Multiply 5

- 9) 243, 81, 27, 9  
 A. Add 7  
 B. Divide 3  
 C. Subtract 10  
 D. Multiply 8

- 10) 25, 20, 15, 10, 5  
 A. Subtract 5  
 B. Add 10  
 C. Subtract 9  
 D. Multiply 6

- 11) 3, 15, 75, 375  
 A. Multiply 5  
 B. Add 8  
 C. Subtract 3  
 D. Multiply 7

- 12) 5, 9, 13, 17, 21  
 A. Add 7  
 B. Add 4  
 C. Subtract 5  
 D. Multiply 2

1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_  
 9. \_\_\_\_\_  
 10. \_\_\_\_\_  
 11. \_\_\_\_\_  
 12. \_\_\_\_\_



Determine which choice best describes the rule the pattern is using.

**Answers**

1) 2, 5, 8, 11, 14, 17, 20, 23

2) 39, 34, 29, 24, 19, 14, 9

- A. Add 2
- B. Subtract 5
- C. Add 3
- D. Multiply 8

- A. Add 4
- B. Subtract 2
- C. Subtract 5
- D. Multiply 4

1.     **C**    

3) 55, 47, 39, 31, 23, 15, 7

4) 7, 9, 11, 13, 15, 17, 19

- A. Add 2
- B. Subtract 3
- C. Multiply 5
- D. Subtract 8

- A. Add 2
- B. Add 8
- C. Subtract 4
- D. Multiply 9

2.     **C**    

3.     **D**    

4.     **A**    

5.     **C**    

6.     **C**    

5) 64, 32, 16, 8

6) 2, 8, 32, 128, 512

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

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

7.     **D**    

8.     **C**    

9.     **B**    

10.     **A**    

7) 9, 11, 13, 15, 17, 19

8) 9, 36, 144, 576

- A. Add 5
- B. Subtract 3
- C. Multiply 4
- D. Add 2

- A. Add 7
- B. Subtract 5
- C. Multiply 4
- D. Multiply 5

11.     **A**    

12.     **B**    

9) 243, 81, 27, 9

10) 25, 20, 15, 10, 5

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

- A. Subtract 5
- B. Add 10
- C. Subtract 9
- D. Multiply 6

11) 3, 15, 75, 375

12) 5, 9, 13, 17, 21

- A. Multiply 5
- B. Add 8
- C. Subtract 3
- D. Multiply 7

- A. Add 7
- B. Add 4
- C. Subtract 5
- D. Multiply 2