



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

**Answers**

1) 2 , 12 , 22 , 32 , 42 , 52 , 62

- A. Add 10
- B. Add 7
- C. Subtract 5
- D. Multiply 8

2) 19 , 15 , 11 , 7 , 3

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

3) 47 , 40 , 33 , 26 , 19 , 12 , 5

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

4) 51 , 44 , 37 , 30 , 23 , 16 , 9

- A. Add 10
- B. Subtract 3
- C. Multiply 6
- D. Subtract 7

5) 24 , 20 , 16 , 12 , 8

- A. Subtract 4
- B. Add 5
- C. Subtract 9
- D. Multiply 6

6) 2 , 11 , 20 , 29 , 38

- A. Add 9
- B. Add 8
- C. Subtract 7
- D. Multiply 3

7) 162 , 54 , 18 , 6

- A. Add 8
- B. Subtract 2
- C. Divide 3
- D. Multiply 4

8) 2 , 10 , 50 , 250 , 1250

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

9) 9 , 36 , 144 , 576

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

10) 10 , 14 , 18 , 22 , 26 , 30

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

11) 64 , 32 , 16 , 8 , 4

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

12) 2 , 4 , 8 , 16 , 32

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

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



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- B. Divide 2
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- D. Multiply 3

12) 2, 4, 8, 16, 32

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

1.   **A**  

2.   **C**  

3.   **A**  

4.   **D**  

5.   **A**  

6.   **A**  

7.   **C**  

8.   **D**  

9.   **B**  

10.   **A**  

11.   **B**  

12.   **C**