



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

**Answers**

- 1) 18 , 16 , 14 , 12 , 10 , 8 , 6 , 4
  - A. Add 3
  - B. Subtract 2
  - C. Subtract 2
  - D. Multiply 7

- 2) 162 , 54 , 18 , 6
  - A. Add 9
  - B. Divide 3
  - C. Subtract 3
  - D. Multiply 4

- 3) 108 , 36 , 12 , 4
  - A. Add 2
  - B. Subtract 3
  - C. Multiply 6
  - D. Divide 3

- 4) 2304 , 576 , 144 , 36 , 9
  - A. Add 3
  - B. Divide 4
  - C. Subtract 5
  - D. Multiply 7

- 5) 1 , 5 , 9 , 13 , 17 , 21
  - A. Add 3
  - B. Subtract 2
  - C. Add 4
  - D. Multiply 2

- 6) 8 , 18 , 28 , 38 , 48 , 58
  - A. Add 10
  - B. Add 9
  - C. Subtract 4
  - D. Multiply 8

- 7) 1280 , 320 , 80 , 20 , 5
  - A. Add 9
  - B. Subtract 2
  - C. Multiply 3
  - D. Divide 4

- 8) 62 , 52 , 42 , 32 , 22 , 12 , 2
  - A. Add 5
  - B. Subtract 8
  - C. Multiply 2
  - D. Subtract 10

- 9) 5 , 15 , 45 , 135 , 405
  - A. Multiply 3
  - B. Add 10
  - C. Subtract 2
  - D. Multiply 10

- 10) 41 , 35 , 29 , 23 , 17 , 11 , 5
  - A. Subtract 6
  - B. Add 5
  - C. Subtract 4
  - D. Multiply 6

- 11) 10 , 15 , 20 , 25 , 30 , 35 , 40
  - A. Add 9
  - B. Add 5
  - C. Subtract 2
  - D. Multiply 6

- 12) 39 , 30 , 21 , 12 , 3
  - A. Subtract 9
  - B. Add 8
  - C. Subtract 4
  - D. Multiply 2

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
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 C. Subtract 4  
 D. Multiply 2

1. **C**

2. **B**

3. **D**

4. **B**

5. **C**

6. **A**

7. **D**

8. **D**

9. **A**

10. **A**

11. **B**

12. **A**