



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**