



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

**Answers**

- 1) 8 , 16 , 32 , 64 , 128  
 A. Add 3  
 B. Subtract 3  
 C. Multiply 8  
 D. Multiply 2

- 2) 9 , 17 , 25 , 33 , 41 , 49  
 A. Add 4  
 B. Subtract 3  
 C. Multiply 9  
 D. Add 8

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

- 4) 5 , 20 , 80 , 320 , 1280  
 A. Add 8  
 B. Multiply 4  
 C. Subtract 5  
 D. Multiply 2

- 5) 3 , 6 , 12 , 24  
 A. Multiply 2  
 B. Add 4  
 C. Subtract 9  
 D. Multiply 6

- 6) 75 , 65 , 55 , 45 , 35 , 25 , 15 , 5  
 A. Add 4  
 B. Subtract 5  
 C. Multiply 9  
 D. Subtract 10

- 7) 1 , 9 , 17 , 25 , 33  
 A. Add 8  
 B. Add 10  
 C. Subtract 10  
 D. Multiply 7

- 8) 6 , 12 , 24 , 48  
 A. Add 2  
 B. Subtract 9  
 C. Multiply 2  
 D. Multiply 6

- 9) 2 , 11 , 20 , 29 , 38  
 A. Add 4  
 B. Subtract 2  
 C. Add 9  
 D. Multiply 5

- 10) 55 , 46 , 37 , 28 , 19 , 10 , 1  
 A. Add 10  
 B. Subtract 9  
 C. Subtract 8  
 D. Multiply 2

- 11) 25 , 21 , 17 , 13 , 9 , 5  
 A. Subtract 4  
 B. Add 7  
 C. Subtract 4  
 D. Multiply 2

- 12) 405 , 135 , 45 , 15 , 5  
 A. Add 9  
 B. Divide 3  
 C. Subtract 10  
 D. Multiply 10

1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_  
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 C. Subtract 10  
 D. Multiply 10

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