



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

**Answers**

- 1) 37 , 31 , 25 , 19 , 13 , 7  
 A. Add 4  
 B. Subtract 6  
 C. Subtract 3  
 D. Multiply 4

- 2) 72 , 36 , 18 , 9  
 A. Add 5  
 B. Divide 2  
 C. Subtract 5  
 D. Multiply 2

- 3) 192 , 48 , 12 , 3  
 A. Add 8  
 B. Divide 4  
 C. Subtract 3  
 D. Multiply 5

- 4) 18 , 16 , 14 , 12 , 10 , 8 , 6  
 A. Subtract 2  
 B. Add 9  
 C. Subtract 8  
 D. Multiply 7

- 5) 54 , 18 , 6 , 2  
 A. Add 6  
 B. Subtract 8  
 C. Divide 3  
 D. Multiply 10

- 6) 8 , 40 , 200 , 1000 , 5000  
 A. Add 5  
 B. Multiply 5  
 C. Subtract 3  
 D. Multiply 4

- 7) 48 , 41 , 34 , 27 , 20 , 13 , 6  
 A. Add 8  
 B. Subtract 7  
 C. Subtract 8  
 D. Multiply 2

- 8) 5 , 15 , 25 , 35 , 45 , 55 , 65  
 A. Add 8  
 B. Subtract 8  
 C. Add 10  
 D. Multiply 3

- 9) 7 , 35 , 175 , 875  
 A. Multiply 5  
 B. Add 7  
 C. Subtract 4  
 D. Multiply 7

- 10) 6 , 13 , 20 , 27 , 34 , 41 , 48 , 55  
 A. Add 2  
 B. Subtract 10  
 C. Multiply 9  
 D. Add 7

- 11) 729 , 243 , 81 , 27 , 9  
 A. Divide 3  
 B. Add 8  
 C. Subtract 6  
 D. Multiply 2

- 12) 7 , 35 , 175 , 875 , 4375  
 A. Add 5  
 B. Multiply 5  
 C. Subtract 3  
 D. Multiply 9

1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
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 B. Add 8  
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 A. Add 5  
 B. Multiply 5  
 C. Subtract 3  
 D. Multiply 9

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