



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. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
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 B. Add 8  
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- 12) 7 , 35 , 175 , 875 , 4375  
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 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**