



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

**Answers**

- 1) 37 , 28 , 19 , 10 , 1  
 A. Add 5  
 B. Subtract 9  
 C. Subtract 5  
 D. Multiply 10

- 2) 36 , 29 , 22 , 15 , 8 , 1  
 A. Subtract 7  
 B. Add 5  
 C. Subtract 9  
 D. Multiply 8

- 3) 7 , 35 , 175 , 875 , 4375  
 A. Add 5  
 B. Multiply 5  
 C. Subtract 8  
 D. Multiply 3

- 4) 3125 , 625 , 125 , 25 , 5  
 A. Add 8  
 B. Subtract 3  
 C. Divide 5  
 D. Multiply 8

- 5) 2 , 10 , 50 , 250 , 1250  
 A. Add 5  
 B. Multiply 5  
 C. Subtract 8  
 D. Multiply 7

- 6) 14 , 11 , 8 , 5 , 2  
 A. Add 9  
 B. Subtract 3  
 C. Subtract 2  
 D. Multiply 8

- 7) 216 , 72 , 24 , 8  
 A. Add 5  
 B. Divide 3  
 C. Subtract 7  
 D. Multiply 10

- 8) 2500 , 500 , 100 , 20 , 4  
 A. Add 5  
 B. Subtract 3  
 C. Divide 5  
 D. Multiply 7

- 9) 6 , 14 , 22 , 30 , 38 , 46  
 A. Add 8  
 B. Add 3  
 C. Subtract 7  
 D. Multiply 8

- 10) 33 , 28 , 23 , 18 , 13 , 8 , 3  
 A. Add 10  
 B. Subtract 5  
 C. Multiply 10  
 D. Subtract 5

- 11) 16 , 8 , 4 , 2  
 A. Add 8  
 B. Subtract 6  
 C. Multiply 4  
 D. Divide 2

- 12) 5 , 20 , 80 , 320 , 1280  
 A. Multiply 4  
 B. Add 8  
 C. Subtract 6  
 D. Multiply 7

1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_  
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 11. \_\_\_\_\_  
 12. \_\_\_\_\_



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

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1.     **B**    

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 A. Add 8  
 B. Subtract 3  
 C. Divide 5  
 D. Multiply 8

2.     **A**    

3.     **B**    

- 5) 2 , 10 , 50 , 250 , 1250  
 A. Add 5  
 B. Multiply 5  
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 D. Multiply 7

- 6) 14 , 11 , 8 , 5 , 2  
 A. Add 9  
 B. Subtract 3  
 C. Subtract 2  
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4.     **C**    

5.     **B**    

6.     **B**    

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 A. Add 5  
 B. Divide 3  
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 D. Multiply 10

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 A. Add 5  
 B. Subtract 3  
 C. Divide 5  
 D. Multiply 7

7.     **B**    

8.     **C**    

9.     **A**    

10.     **D**    

11.     **D**    

12.     **A**    

- 9) 6 , 14 , 22 , 30 , 38 , 46  
 A. Add 8  
 B. Add 3  
 C. Subtract 7  
 D. Multiply 8

- 10) 33 , 28 , 23 , 18 , 13 , 8 , 3  
 A. Add 10  
 B. Subtract 5  
 C. Multiply 10  
 D. Subtract 5

- 11) 16 , 8 , 4 , 2  
 A. Add 8  
 B. Subtract 6  
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 D. Divide 2

- 12) 5 , 20 , 80 , 320 , 1280  
 A. Multiply 4  
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