



## Determining Pattern Rule

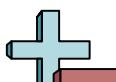
Name: \_\_\_\_\_

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

- 1)** Determine which choice best describes the rule the pattern is using.  
56 , 28 , 14 , 7  
A. Multiply 10  
B. Divide 2  
C. Divide 2  
D. Divide 3
- 2)** Determine which choice best describes the rule the pattern is using.  
5 , 10 , 20 , 40  
A. Multiply 3  
B. Multiply 4  
C. Add 9  
D. Multiply 2
- 3)** Determine which choice best describes the rule the pattern is using.  
750 , 150 , 30 , 6  
A. Divide 5  
B. Divide 5  
C. Multiply 2  
D. Divide 3
- 4)** Determine which choice best describes the rule the pattern is using.  
3 , 8 , 13 , 18 , 23  
A. Subtract 2  
B. Add 6  
C. Add 2  
D. Add 5
- 5)** Determine which choice best describes the rule the pattern is using.  
5 , 15 , 45 , 135  
A. Multiply 3  
B. Multiply 7  
C. Multiply 4  
D. Divide 8
- 6)** Determine which choice best describes the rule the pattern is using.  
6 , 10 , 14 , 18 , 22  
A. Multiply 2  
B. Add 5  
C. Add 4  
D. Subtract 7
- 7)** Determine which choice best describes the rule the pattern is using.  
6 , 9 , 12 , 15 , 18 , 21 , 24  
A. Multiply 3  
B. Multiply 6  
C. Add 3  
D. Add 6
- 8)** Determine which choice best describes the rule the pattern is using.  
39 , 34 , 29 , 24 , 19 , 14 , 9 , 4  
A. Multiply 8  
B. Subtract 8  
C. Subtract 5  
D. Add 7
- 9)** Determine which choice best describes the rule the pattern is using.  
162 , 54 , 18 , 6  
A. Divide 3  
B. Divide 8  
C. Multiply 8  
D. Divide 3
- 10)** Determine which choice best describes the rule the pattern is using.  
108 , 36 , 12 , 4  
A. Multiply 3  
B. Divide 2  
C. Add 2  
D. Divide 3
- 11)** Determine which choice best describes the rule the pattern is using.  
8 , 32 , 128 , 512  
A. Multiply 4  
B. Divide 3  
C. Multiply 10  
D. Add 8
- 12)** Determine which choice best describes the rule the pattern is using.  
29 , 24 , 19 , 14 , 9 , 4  
A. Add 10  
B. Multiply 4  
C. Subtract 5  
D. Divide 10

### Answers

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



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Name: **Answer Key**

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C. Multiply 10  
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29 , 24 , 19 , 14 , 9 , 4  
A. Add 10  
B. Multiply 4  
C. Subtract 5  
D. Divide 10

**Answers**

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