



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

**Answers**

1) Which choice uses the same addition rule as the pattern shown?

2, 6, 10, 14, 18, 22

- A. 7, 11, 15, 19, 23, 27
- B. 5, 14, 23, 32, 41, 50
- C. 1, 9, 17, 25, 33, 41
- D. 2, 7, 12, 17, 22, 27

2) Which choice uses the same subtraction rule as the pattern shown?

44, 36, 28, 20, 12, 4

- A. 49, 41, 33, 25, 17, 9
- B. 25, 22, 19, 16, 13, 10
- C. 45, 38, 31, 24, 17, 10
- D. 28, 24, 20, 16, 12, 8

3) Which choice uses the same subtraction rule as the pattern shown?

55, 45, 35, 25, 15, 5

- A. 24, 21, 18, 15, 12, 9
- B. 45, 38, 31, 24, 17, 10
- C. 52, 43, 34, 25, 16, 7
- D. 56, 46, 36, 26, 16, 6

4) Which choice uses the same subtraction rule as the pattern shown?

51, 42, 33, 24, 15, 6

- A. 41, 34, 27, 20, 13, 6
- B. 27, 23, 19, 15, 11, 7
- C. 35, 29, 23, 17, 11, 5
- D. 46, 37, 28, 19, 10, 1

5) Which choice uses the same addition rule as the pattern shown?

1, 4, 7, 10, 13, 16

- A. 5, 7, 9, 11, 13, 15
- B. 10, 13, 16, 19, 22, 25
- C. 4, 13, 22, 31, 40, 49
- D. 8, 14, 20, 26, 32, 38

6) Which choice uses the same addition rule as the pattern shown?

1, 9, 17, 25, 33, 41

- A. 9, 15, 21, 27, 33, 39
- B. 4, 9, 14, 19, 24, 29
- C. 4, 8, 12, 16, 20, 24
- D. 3, 11, 19, 27, 35, 43

7) Which choice uses the same subtraction rule as the pattern shown?

32, 26, 20, 14, 8, 2

- A. 34, 28, 22, 16, 10, 4
- B. 55, 45, 35, 25, 15, 5
- C. 26, 21, 16, 11, 6, 1
- D. 51, 42, 33, 24, 15, 6

8) Which choice uses the same addition rule as the pattern shown?

1, 3, 5, 7, 9, 11

- A. 7, 16, 25, 34, 43, 52
- B. 3, 6, 9, 12, 15, 18
- C. 5, 12, 19, 26, 33, 40
- D. 5, 7, 9, 11, 13, 15

9) Which choice uses the same subtraction rule as the pattern shown?

59, 49, 39, 29, 19, 9

- A. 27, 23, 19, 15, 11, 7
- B. 29, 24, 19, 14, 9, 4
- C. 55, 45, 35, 25, 15, 5
- D. 18, 15, 12, 9, 6, 3

10) Which choice uses the same subtraction rule as the pattern shown?

46, 38, 30, 22, 14, 6

- A. 43, 35, 27, 19, 11, 3
- B. 52, 43, 34, 25, 16, 7
- C. 40, 34, 28, 22, 16, 10
- D. 14, 12, 10, 8, 6, 4

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



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

**Answers**

- 1) Which choice uses the same addition rule as the pattern shown?  
 $2, 6, 10, 14, 18, 22$   
 A.  $7, 11, 15, 19, 23, 27$   
 B.  $5, 14, 23, 32, 41, 50$   
 C.  $1, 9, 17, 25, 33, 41$   
 D.  $2, 7, 12, 17, 22, 27$
- 2) Which choice uses the same subtraction rule as the pattern shown?  
 $44, 36, 28, 20, 12, 4$   
 A.  $49, 41, 33, 25, 17, 9$   
 B.  $25, 22, 19, 16, 13, 10$   
 C.  $45, 38, 31, 24, 17, 10$   
 D.  $28, 24, 20, 16, 12, 8$
- 3) Which choice uses the same subtraction rule as the pattern shown?  
 $55, 45, 35, 25, 15, 5$   
 A.  $24, 21, 18, 15, 12, 9$   
 B.  $45, 38, 31, 24, 17, 10$   
 C.  $52, 43, 34, 25, 16, 7$   
 D.  $56, 46, 36, 26, 16, 6$
- 4) Which choice uses the same subtraction rule as the pattern shown?  
 $51, 42, 33, 24, 15, 6$   
 A.  $41, 34, 27, 20, 13, 6$   
 B.  $27, 23, 19, 15, 11, 7$   
 C.  $35, 29, 23, 17, 11, 5$   
 D.  $46, 37, 28, 19, 10, 1$
- 5) Which choice uses the same addition rule as the pattern shown?  
 $1, 4, 7, 10, 13, 16$   
 A.  $5, 7, 9, 11, 13, 15$   
 B.  $10, 13, 16, 19, 22, 25$   
 C.  $4, 13, 22, 31, 40, 49$   
 D.  $8, 14, 20, 26, 32, 38$
- 6) Which choice uses the same addition rule as the pattern shown?  
 $1, 9, 17, 25, 33, 41$   
 A.  $9, 15, 21, 27, 33, 39$   
 B.  $4, 9, 14, 19, 24, 29$   
 C.  $4, 8, 12, 16, 20, 24$   
 D.  $3, 11, 19, 27, 35, 43$
- 7) Which choice uses the same subtraction rule as the pattern shown?  
 $32, 26, 20, 14, 8, 2$   
 A.  $34, 28, 22, 16, 10, 4$   
 B.  $55, 45, 35, 25, 15, 5$   
 C.  $26, 21, 16, 11, 6, 1$   
 D.  $51, 42, 33, 24, 15, 6$
- 8) Which choice uses the same addition rule as the pattern shown?  
 $1, 3, 5, 7, 9, 11$   
 A.  $7, 16, 25, 34, 43, 52$   
 B.  $3, 6, 9, 12, 15, 18$   
 C.  $5, 12, 19, 26, 33, 40$   
 D.  $5, 7, 9, 11, 13, 15$
- 9) Which choice uses the same subtraction rule as the pattern shown?  
 $59, 49, 39, 29, 19, 9$   
 A.  $27, 23, 19, 15, 11, 7$   
 B.  $29, 24, 19, 14, 9, 4$   
 C.  $55, 45, 35, 25, 15, 5$   
 D.  $18, 15, 12, 9, 6, 3$
- 10) Which choice uses the same subtraction rule as the pattern shown?  
 $46, 38, 30, 22, 14, 6$   
 A.  $43, 35, 27, 19, 11, 3$   
 B.  $52, 43, 34, 25, 16, 7$   
 C.  $40, 34, 28, 22, 16, 10$   
 D.  $14, 12, 10, 8, 6, 4$

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