



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

**Answers**

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

55, 46, 37, 28, 19, 10

- A. 40, 34, 28, 22, 16, 10
- B. 59, 49, 39, 29, 19, 9
- C. 48, 39, 30, 21, 12, 3
- D. 39, 32, 25, 18, 11, 4

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

35, 29, 23, 17, 11, 5

- A. 40, 34, 28, 22, 16, 10
- B. 53, 44, 35, 26, 17, 8
- C. 49, 41, 33, 25, 17, 9
- D. 12, 10, 8, 6, 4, 2

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

7, 14, 21, 28, 35, 42

- A. 4, 13, 22, 31, 40, 49
- B. 6, 13, 20, 27, 34, 41
- C. 9, 19, 29, 39, 49, 59
- D. 8, 14, 20, 26, 32, 38

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

1, 6, 11, 16, 21, 26

- A. 3, 8, 13, 18, 23, 28
- B. 4, 7, 10, 13, 16, 19
- C. 7, 11, 15, 19, 23, 27
- D. 5, 7, 9, 11, 13, 15

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

6, 9, 12, 15, 18, 21

- A. 2, 5, 8, 11, 14, 17
- B. 1, 5, 9, 13, 17, 21
- C. 7, 16, 25, 34, 43, 52
- D. 3, 8, 13, 18, 23, 28

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

2, 4, 6, 8, 10, 12

- A. 9, 11, 13, 15, 17, 19
- B. 4, 14, 24, 34, 44, 54
- C. 6, 15, 24, 33, 42, 51
- D. 9, 14, 19, 24, 29, 34

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

54, 44, 34, 24, 14, 4

- A. 35, 29, 23, 17, 11, 5
- B. 24, 21, 18, 15, 12, 9
- C. 30, 25, 20, 15, 10, 5
- D. 52, 42, 32, 22, 12, 2

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

51, 41, 31, 21, 11, 1

- A. 55, 45, 35, 25, 15, 5
- B. 40, 33, 26, 19, 12, 5
- C. 34, 29, 24, 19, 14, 9
- D. 28, 24, 20, 16, 12, 8

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

4, 11, 18, 25, 32, 39

- A. 10, 20, 30, 40, 50, 60
- B. 10, 12, 14, 16, 18, 20
- C. 5, 14, 23, 32, 41, 50
- D. 5, 12, 19, 26, 33, 40

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

9, 14, 19, 24, 29, 34

- A. 4, 11, 18, 25, 32, 39
- B. 5, 10, 15, 20, 25, 30
- C. 4, 7, 10, 13, 16, 19
- D. 2, 12, 22, 32, 42, 52

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



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 D. 12, 10, 8, 6, 4, 2

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7, 14, 21, 28, 35, 42

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 B. 6, 13, 20, 27, 34, 41  
 C. 9, 19, 29, 39, 49, 59  
 D. 8, 14, 20, 26, 32, 38

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

1, 6, 11, 16, 21, 26

- A. 3, 8, 13, 18, 23, 28  
 B. 4, 7, 10, 13, 16, 19  
 C. 7, 11, 15, 19, 23, 27  
 D. 5, 7, 9, 11, 13, 15

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

6, 9, 12, 15, 18, 21

- A. 2, 5, 8, 11, 14, 17  
 B. 1, 5, 9, 13, 17, 21  
 C. 7, 16, 25, 34, 43, 52  
 D. 3, 8, 13, 18, 23, 28

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

2, 4, 6, 8, 10, 12

- A. 9, 11, 13, 15, 17, 19  
 B. 4, 14, 24, 34, 44, 54  
 C. 6, 15, 24, 33, 42, 51  
 D. 9, 14, 19, 24, 29, 34

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

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 D. 52, 42, 32, 22, 12, 2

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

51, 41, 31, 21, 11, 1

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 C. 34, 29, 24, 19, 14, 9  
 D. 28, 24, 20, 16, 12, 8

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

4, 11, 18, 25, 32, 39

- A. 10, 20, 30, 40, 50, 60  
 B. 10, 12, 14, 16, 18, 20  
 C. 5, 14, 23, 32, 41, 50  
 D. 5, 12, 19, 26, 33, 40

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

9, 14, 19, 24, 29, 34

- A. 4, 11, 18, 25, 32, 39  
 B. 5, 10, 15, 20, 25, 30  
 C. 4, 7, 10, 13, 16, 19  
 D. 2, 12, 22, 32, 42, 52

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