

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

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

1, 10, 19, 28, 37, 46

- A. 9, 17, 25, 33, 41, 49
B. 7, 11, 15, 19, 23, 27
C. 5, 15, 25, 35, 45, 55
D. 9, 18, 27, 36, 45, 54

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

3, 11, 19, 27, 35, 43

- A. 2, 10, 18, 26, 34, 42
B. 4, 10, 16, 22, 28, 34
C. 3, 5, 7, 9, 11, 13
D. 9, 14, 19, 24, 29, 34

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

48, 39, 30, 21, 12, 3

- A. 44, 36, 28, 20, 12, 4
B. 54, 45, 36, 27, 18, 9
C. 32, 27, 22, 17, 12, 7
D. 31, 25, 19, 13, 7, 1

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

10, 14, 18, 22, 26, 30

- A. 9, 14, 19, 24, 29, 34
B. 9, 13, 17, 21, 25, 29
C. 1, 7, 13, 19, 25, 31
D. 3, 12, 21, 30, 39, 48

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

57, 47, 37, 27, 17, 7

- A. 17, 14, 11, 8, 5, 2
B. 54, 45, 36, 27, 18, 9
C. 60, 50, 40, 30, 20, 10
D. 20, 18, 16, 14, 12, 10

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

49, 41, 33, 25, 17, 9

- A. 42, 34, 26, 18, 10, 2
B. 42, 35, 28, 21, 14, 7
C. 37, 31, 25, 19, 13, 7
D. 47, 38, 29, 20, 11, 2

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

32, 27, 22, 17, 12, 7

- A. 18, 15, 12, 9, 6, 3
B. 16, 14, 12, 10, 8, 6
C. 39, 32, 25, 18, 11, 4
D. 34, 29, 24, 19, 14, 9

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

6, 11, 16, 21, 26, 31

- A. 10, 15, 20, 25, 30, 35
B. 4, 14, 24, 34, 44, 54
C. 1, 5, 9, 13, 17, 21
D. 9, 11, 13, 15, 17, 19

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

40, 34, 28, 22, 16, 10

- A. 35, 29, 23, 17, 11, 5
B. 29, 24, 19, 14, 9, 4
C. 30, 26, 22, 18, 14, 10
D. 46, 37, 28, 19, 10, 1

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

14, 12, 10, 8, 6, 4

- A. 12, 10, 8, 6, 4, 2
B. 36, 30, 24, 18, 12, 6
C. 30, 25, 20, 15, 10, 5
D. 23, 20, 17, 14, 11, 8

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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C. 30, 26, 22, 18, 14, 10
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C. 30, 25, 20, 15, 10, 5
D. 23, 20, 17, 14, 11, 8

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