

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

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

4, 13, 22, 31, 40, 49

- A. 10, 19, 28, 37, 46, 55
B. 10, 17, 24, 31, 38, 45
C. 9, 17, 25, 33, 41, 49
D. 5, 10, 15, 20, 25, 30

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

6, 13, 20, 27, 34, 41

- A. 10, 17, 24, 31, 38, 45
B. 10, 14, 18, 22, 26, 30
C. 5, 11, 17, 23, 29, 35
D. 9, 19, 29, 39, 49, 59

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

49, 40, 31, 22, 13, 4

- A. 54, 45, 36, 27, 18, 9
B. 25, 22, 19, 16, 13, 10
C. 52, 42, 32, 22, 12, 2
D. 30, 25, 20, 15, 10, 5

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

52, 42, 32, 22, 12, 2

- A. 29, 25, 21, 17, 13, 9
B. 32, 26, 20, 14, 8, 2
C. 55, 45, 35, 25, 15, 5
D. 29, 24, 19, 14, 9, 4

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

43, 36, 29, 22, 15, 8

- A. 19, 16, 13, 10, 7, 4
B. 38, 31, 24, 17, 10, 3
C. 52, 43, 34, 25, 16, 7
D. 29, 25, 21, 17, 13, 9

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

4, 7, 10, 13, 16, 19

- A. 9, 12, 15, 18, 21, 24
B. 7, 11, 15, 19, 23, 27
C. 7, 12, 17, 22, 27, 32
D. 2, 10, 18, 26, 34, 42

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

6, 11, 16, 21, 26, 31

- A. 3, 5, 7, 9, 11, 13
B. 9, 14, 19, 24, 29, 34
C. 7, 16, 25, 34, 43, 52
D. 6, 10, 14, 18, 22, 26

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

8, 15, 22, 29, 36, 43

- A. 1, 5, 9, 13, 17, 21
B. 7, 15, 23, 31, 39, 47
C. 1, 3, 5, 7, 9, 11
D. 1, 8, 15, 22, 29, 36

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

18, 16, 14, 12, 10, 8

- A. 43, 36, 29, 22, 15, 8
B. 56, 46, 36, 26, 16, 6
C. 17, 15, 13, 11, 9, 7
D. 23, 19, 15, 11, 7, 3

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

10, 13, 16, 19, 22, 25

- A. 4, 14, 24, 34, 44, 54
B. 1, 8, 15, 22, 29, 36
C. 5, 9, 13, 17, 21, 25
D. 6, 9, 12, 15, 18, 21

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
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D. 2, 10, 18, 26, 34, 42

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B. 1, 8, 15, 22, 29, 36
C. 5, 9, 13, 17, 21, 25
D. 6, 9, 12, 15, 18, 21

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