

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

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

42, 35, 28, 21, 14, 7

- A. 23, 19, 15, 11, 7, 3
B. 33, 27, 21, 15, 9, 3
C. 14, 12, 10, 8, 6, 4
D. 38, 31, 24, 17, 10, 3

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

2, 8, 14, 20, 26, 32

- A. 8, 11, 14, 17, 20, 23
B. 10, 16, 22, 28, 34, 40
C. 1, 11, 21, 31, 41, 51
D. 2, 6, 10, 14, 18, 22

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

7, 13, 19, 25, 31, 37

- A. 5, 14, 23, 32, 41, 50
B. 6, 13, 20, 27, 34, 41
C. 2, 8, 14, 20, 26, 32
D. 9, 14, 19, 24, 29, 34

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

4, 7, 10, 13, 16, 19

- A. 10, 16, 22, 28, 34, 40
B. 2, 5, 8, 11, 14, 17
C. 10, 19, 28, 37, 46, 55
D. 5, 15, 25, 35, 45, 55

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

1, 11, 21, 31, 41, 51

- A. 6, 8, 10, 12, 14, 16
B. 1, 5, 9, 13, 17, 21
C. 2, 7, 12, 17, 22, 27
D. 10, 20, 30, 40, 50, 60

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

5, 13, 21, 29, 37, 45

- A. 9, 11, 13, 15, 17, 19
B. 6, 16, 26, 36, 46, 56
C. 3, 11, 19, 27, 35, 43
D. 7, 16, 25, 34, 43, 52

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

1, 5, 9, 13, 17, 21

- A. 7, 11, 15, 19, 23, 27
B. 5, 15, 25, 35, 45, 55
C. 6, 11, 16, 21, 26, 31
D. 9, 15, 21, 27, 33, 39

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

44, 37, 30, 23, 16, 9

- A. 52, 42, 32, 22, 12, 2
B. 36, 29, 22, 15, 8, 1
C. 46, 37, 28, 19, 10, 1
D. 46, 38, 30, 22, 14, 6

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

38, 32, 26, 20, 14, 8

- A. 17, 15, 13, 11, 9, 7
B. 49, 40, 31, 22, 13, 4
C. 31, 25, 19, 13, 7, 1
D. 41, 33, 25, 17, 9, 1

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

5, 9, 13, 17, 21, 25

- A. 7, 10, 13, 16, 19, 22
B. 6, 10, 14, 18, 22, 26
C. 7, 15, 23, 31, 39, 47
D. 4, 14, 24, 34, 44, 54

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

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D. 7, 16, 25, 34, 43, 52

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- A. 7, 10, 13, 16, 19, 22
B. 6, 10, 14, 18, 22, 26
C. 7, 15, 23, 31, 39, 47
D. 4, 14, 24, 34, 44, 54

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