

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

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

10, 17, 24, 31, 38

- A. 7, 15, 23, 31, 39  
B. 7, 10, 13, 16, 19  
C. 8, 15, 22, 29, 36  
D. 9, 13, 17, 21, 25

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

16, 14, 12, 10, 8

- A. 43, 33, 23, 13, 3  
B. 21, 17, 13, 9, 5  
C. 12, 10, 8, 6, 4  
D. 17, 14, 11, 8, 5

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

6, 10, 14, 18, 22

- A. 9, 11, 13, 15, 17  
B. 4, 8, 12, 16, 20  
C. 8, 10, 12, 14, 16  
D. 5, 11, 17, 23, 29

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

49, 39, 29, 19, 9

- A. 28, 23, 18, 13, 8  
B. 48, 38, 28, 18, 8  
C. 26, 22, 18, 14, 10  
D. 37, 29, 21, 13, 5

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

3, 12, 21, 30, 39

- A. 1, 7, 13, 19, 25  
B. 2, 4, 6, 8, 10  
C. 2, 7, 12, 17, 22  
D. 1, 10, 19, 28, 37

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

16, 13, 10, 7, 4

- A. 17, 14, 11, 8, 5  
B. 17, 15, 13, 11, 9  
C. 42, 32, 22, 12, 2  
D. 14, 12, 10, 8, 6

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

10, 12, 14, 16, 18

- A. 4, 12, 20, 28, 36  
B. 6, 14, 22, 30, 38  
C. 3, 5, 7, 9, 11  
D. 8, 14, 20, 26, 32

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

4, 7, 10, 13, 16

- A. 5, 11, 17, 23, 29  
B. 5, 8, 11, 14, 17  
C. 9, 16, 23, 30, 37  
D. 2, 7, 12, 17, 22

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

4, 6, 8, 10, 12

- A. 10, 13, 16, 19, 22  
B. 9, 11, 13, 15, 17  
C. 3, 12, 21, 30, 39  
D. 6, 9, 12, 15, 18

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

6, 11, 16, 21, 26

- A. 3, 12, 21, 30, 39  
B. 10, 20, 30, 40, 50  
C. 7, 12, 17, 22, 27  
D. 5, 11, 17, 23, 29

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

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D. 5, 11, 17, 23, 29

**Answers**

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