



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

**Answers**

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

40 , 32 , 24 , 16 , 8

- A. 34 , 26 , 18 , 10 , 2
- B. 41 , 31 , 21 , 11 , 1
- C. 17 , 15 , 13 , 11 , 9
- D. 29 , 23 , 17 , 11 , 5

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

2 , 11 , 20 , 29 , 38

- A. 6 , 16 , 26 , 36 , 46
- B. 9 , 18 , 27 , 36 , 45
- C. 1 , 9 , 17 , 25 , 33
- D. 9 , 13 , 17 , 21 , 25

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

3 , 7 , 11 , 15 , 19

- A. 1 , 11 , 21 , 31 , 41
- B. 2 , 4 , 6 , 8 , 10
- C. 10 , 17 , 24 , 31 , 38
- D. 6 , 10 , 14 , 18 , 22

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

41 , 32 , 23 , 14 , 5

- A. 43 , 34 , 25 , 16 , 7
- B. 42 , 34 , 26 , 18 , 10
- C. 28 , 22 , 16 , 10 , 4
- D. 35 , 28 , 21 , 14 , 7

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

10 , 16 , 22 , 28 , 34

- A. 3 , 12 , 21 , 30 , 39
- B. 2 , 7 , 12 , 17 , 22
- C. 8 , 12 , 16 , 20 , 24
- D. 5 , 11 , 17 , 23 , 29

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

6 , 13 , 20 , 27 , 34

- A. 3 , 8 , 13 , 18 , 23
- B. 4 , 7 , 10 , 13 , 16
- C. 1 , 7 , 13 , 19 , 25
- D. 5 , 12 , 19 , 26 , 33

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

6 , 12 , 18 , 24 , 30

- A. 10 , 13 , 16 , 19 , 22
- B. 7 , 13 , 19 , 25 , 31
- C. 9 , 19 , 29 , 39 , 49
- D. 1 , 10 , 19 , 28 , 37

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

15 , 13 , 11 , 9 , 7

- A. 11 , 9 , 7 , 5 , 3
- B. 31 , 24 , 17 , 10 , 3
- C. 48 , 38 , 28 , 18 , 8
- D. 43 , 33 , 23 , 13 , 3

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

2 , 10 , 18 , 26 , 34

- A. 7 , 11 , 15 , 19 , 23
- B. 1 , 6 , 11 , 16 , 21
- C. 5 , 8 , 11 , 14 , 17
- D. 4 , 12 , 20 , 28 , 36

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

35 , 28 , 21 , 14 , 7

- A. 34 , 27 , 20 , 13 , 6
- B. 50 , 40 , 30 , 20 , 10
- C. 22 , 19 , 16 , 13 , 10
- D. 39 , 30 , 21 , 12 , 3

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
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- B. 50, 40, 30, 20, 10
- C. 22, 19, 16, 13, 10
- D. 39, 30, 21, 12, 3

**Answers**

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