



Determining Pattern Rule

Name: _____

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, 34, 26, 18, 10, 2

- A. 45, 37, 29, 21, 13, 5
- B. 37, 30, 23, 16, 9, 2
- C. 38, 32, 26, 20, 14, 8
- D. 32, 27, 22, 17, 12, 7

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

8, 10, 12, 14, 16, 18

- A. 6, 8, 10, 12, 14, 16
- B. 3, 12, 21, 30, 39, 48
- C. 9, 15, 21, 27, 33, 39
- D. 8, 12, 16, 20, 24, 28

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

7, 15, 23, 31, 39, 47

- A. 8, 11, 14, 17, 20, 23
- B. 1, 10, 19, 28, 37, 46
- C. 9, 17, 25, 33, 41, 49
- D. 1, 11, 21, 31, 41, 51

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

9, 11, 13, 15, 17, 19

- A. 9, 13, 17, 21, 25, 29
- B. 9, 17, 25, 33, 41, 49
- C. 1, 3, 5, 7, 9, 11
- D. 1, 8, 15, 22, 29, 36

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

11, 9, 7, 5, 3, 1

- A. 54, 44, 34, 24, 14, 4
- B. 19, 17, 15, 13, 11, 9
- C. 50, 42, 34, 26, 18, 10
- D. 47, 38, 29, 20, 11, 2

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

3, 13, 23, 33, 43, 53

- A. 1, 3, 5, 7, 9, 11
- B. 6, 16, 26, 36, 46, 56
- C. 1, 5, 9, 13, 17, 21
- D. 8, 16, 24, 32, 40, 48

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

36, 29, 22, 15, 8, 1

- A. 35, 29, 23, 17, 11, 5
- B. 52, 43, 34, 25, 16, 7
- C. 42, 34, 26, 18, 10, 2
- D. 44, 37, 30, 23, 16, 9

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

41, 33, 25, 17, 9, 1

- A. 25, 21, 17, 13, 9, 5
- B. 34, 28, 22, 16, 10, 4
- C. 48, 39, 30, 21, 12, 3
- D. 46, 38, 30, 22, 14, 6

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

5, 12, 19, 26, 33, 40

- A. 5, 15, 25, 35, 45, 55
- B. 7, 13, 19, 25, 31, 37
- C. 5, 7, 9, 11, 13, 15
- D. 4, 11, 18, 25, 32, 39

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

31, 25, 19, 13, 7, 1

- A. 32, 27, 22, 17, 12, 7
- B. 34, 28, 22, 16, 10, 4
- C. 16, 14, 12, 10, 8, 6
- D. 46, 37, 28, 19, 10, 1

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



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- C. 16, 14, 12, 10, 8, 6
- D. 46, 37, 28, 19, 10, 1

Answers

1. **A**

2. **A**

3. **C**

4. **C**

5. **B**

6. **B**

7. **D**

8. **D**

9. **D**

10. **B**