



Determining Pattern Rule

Name: _____

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

Answers

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

8 , 11 , 14 , 17 , 20 , 23

- A. 2 , 12 , 22 , 32 , 42 , 52
- B. 6 , 14 , 22 , 30 , 38 , 46
- C. 8 , 14 , 20 , 26 , 32 , 38
- D. 5 , 8 , 11 , 14 , 17 , 20

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

40 , 34 , 28 , 22 , 16 , 10

- A. 23 , 19 , 15 , 11 , 7 , 3
- B. 29 , 24 , 19 , 14 , 9 , 4
- C. 13 , 11 , 9 , 7 , 5 , 3
- D. 36 , 30 , 24 , 18 , 12 , 6

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

43 , 36 , 29 , 22 , 15 , 8

- A. 12 , 10 , 8 , 6 , 4 , 2
- B. 33 , 28 , 23 , 18 , 13 , 8
- C. 38 , 31 , 24 , 17 , 10 , 3
- D. 22 , 18 , 14 , 10 , 6 , 2

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

29 , 24 , 19 , 14 , 9 , 4

- A. 24 , 20 , 16 , 12 , 8 , 4
- B. 18 , 15 , 12 , 9 , 6 , 3
- C. 46 , 38 , 30 , 22 , 14 , 6
- D. 35 , 30 , 25 , 20 , 15 , 10

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

21 , 17 , 13 , 9 , 5 , 1

- A. 27 , 23 , 19 , 15 , 11 , 7
- B. 38 , 32 , 26 , 20 , 14 , 8
- C. 44 , 37 , 30 , 23 , 16 , 9
- D. 12 , 10 , 8 , 6 , 4 , 2

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

1 , 6 , 11 , 16 , 21 , 26

- A. 6 , 14 , 22 , 30 , 38 , 46
- B. 10 , 19 , 28 , 37 , 46 , 55
- C. 10 , 15 , 20 , 25 , 30 , 35
- D. 7 , 13 , 19 , 25 , 31 , 37

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

7 , 13 , 19 , 25 , 31 , 37

- A. 2 , 4 , 6 , 8 , 10 , 12
- B. 7 , 14 , 21 , 28 , 35 , 42
- C. 2 , 11 , 20 , 29 , 38 , 47
- D. 1 , 7 , 13 , 19 , 25 , 31

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

1 , 8 , 15 , 22 , 29 , 36

- A. 9 , 16 , 23 , 30 , 37 , 44
- B. 5 , 13 , 21 , 29 , 37 , 45
- C. 4 , 6 , 8 , 10 , 12 , 14
- D. 3 , 13 , 23 , 33 , 43 , 53

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

47 , 39 , 31 , 23 , 15 , 7

- A. 50 , 41 , 32 , 23 , 14 , 5
- B. 12 , 10 , 8 , 6 , 4 , 2
- C. 48 , 40 , 32 , 24 , 16 , 8
- D. 37 , 31 , 25 , 19 , 13 , 7

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

56 , 46 , 36 , 26 , 16 , 6

- A. 11 , 9 , 7 , 5 , 3 , 1
- B. 53 , 43 , 33 , 23 , 13 , 3
- C. 30 , 26 , 22 , 18 , 14 , 10
- D. 26 , 21 , 16 , 11 , 6 , 1

1. _____

2. _____

3. _____

4. _____

5. _____

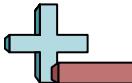
6. _____

7. _____

8. _____

9. _____

10. _____



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- C. 4, 6, 8, 10, 12, 14
- D. 3, 13, 23, 33, 43, 53

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- D. 26, 21, 16, 11, 6, 1

Answers

1. **D**

2. **C**

3. **D**

4. **D**

5. **C**

6. **A**

7. **D**

8. **C**

9. **A**

10. **B**