



Determining Pattern Rule

Name: _____

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

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

9, 18, 27, 36, 45, 54

A. 5, 10, 15, 20, 25, 30
B. 8, 18, 28, 38, 48, 58
C. 10, 18, 26, 34, 42, 50
D. 6, 15, 24, 33, 42, 51

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

9, 19, 29, 39, 49, 59

A. 8, 12, 16, 20, 24, 28
B. 9, 11, 13, 15, 17, 19
C. 3, 6, 9, 12, 15, 18
D. 8, 18, 28, 38, 48, 58

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

8, 11, 14, 17, 20, 23

A. 9, 16, 23, 30, 37, 44
B. 10, 18, 26, 34, 42, 50
C. 3, 9, 15, 21, 27, 33
D. 5, 8, 11, 14, 17, 20

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

9, 14, 19, 24, 29, 34

A. 6, 14, 22, 30, 38, 46
B. 2, 6, 10, 14, 18, 22
C. 3, 8, 13, 18, 23, 28
D. 5, 7, 9, 11, 13, 15

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

4, 14, 24, 34, 44, 54

A. 10, 20, 30, 40, 50, 60
B. 2, 5, 8, 11, 14, 17
C. 3, 5, 7, 9, 11, 13
D. 3, 7, 11, 15, 19, 23

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

1, 7, 13, 19, 25, 31

A. 3, 12, 21, 30, 39, 48
B. 10, 13, 16, 19, 22, 25
C. 5, 11, 17, 23, 29, 35
D. 5, 7, 9, 11, 13, 15

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

3, 5, 7, 9, 11, 13

A. 4, 6, 8, 10, 12, 14
B. 1, 8, 15, 22, 29, 36
C. 4, 13, 22, 31, 40, 49
D. 4, 14, 24, 34, 44, 54

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

2, 9, 16, 23, 30, 37

A. 3, 6, 9, 12, 15, 18
B. 1, 8, 15, 22, 29, 36
C. 1, 5, 9, 13, 17, 21
D. 5, 11, 17, 23, 29, 35

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

4, 10, 16, 22, 28, 34

A. 8, 12, 16, 20, 24, 28
B. 7, 17, 27, 37, 47, 57
C. 2, 11, 20, 29, 38, 47
D. 1, 7, 13, 19, 25, 31

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

4, 9, 14, 19, 24, 29

A. 6, 13, 20, 27, 34, 41
B. 3, 8, 13, 18, 23, 28
C. 4, 14, 24, 34, 44, 54
D. 6, 8, 10, 12, 14, 16

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Determining Pattern Rule

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

4, 10, 16, 22, 28, 34

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- D. 1, 7, 13, 19, 25, 31

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

4, 9, 14, 19, 24, 29

- A. 6, 13, 20, 27, 34, 41
- B. 3, 8, 13, 18, 23, 28
- C. 4, 14, 24, 34, 44, 54
- D. 6, 8, 10, 12, 14, 16

Answers

1. **D**

2. **C**

3. **D**

4. **A**

5. **D**

6. **B**

7. **C**

8. **D**

9. **A**

10. **B**