Determining Pattern Rule

Name:

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

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

6 , 16 , 26 , 36 , 46 , 56

A. 4 , 9 , 14 , 19 , 24 , 29
B. 8 , 15 , 22 , 29 , 36 , 43
C. 9 , 18 , 27 , 36 , 45 , 54
D. 2 , 12 , 22 , 32 , 42 , 52

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

7 , 9 , 11 , 13 , 15 , 17

A. 4 , 6 , 8 , 10 , 12 , 14
B. 1 , 11 , 21 , 31 , 41 , 51
C. 5 , 13 , 21 , 29 , 37 , 45
D. 3 , 9 , 15 , 21 , 27 , 33

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

10 , 19 , 28 , 37 , 46 , 55

A. 4 , 9 , 14 , 19 , 24 , 29
B. 10 , 13 , 16 , 19 , 22 , 25
C. 9 , 11 , 13 , 15 , 17 , 19
D. 9 , 18 , 27 , 36 , 45 , 54

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

1 , 3 , 5 , 7 , 9 , 11

A. 8 , 10 , 12 , 14 , 16 , 18
B. 1 , 10 , 19 , 28 , 37 , 46
C. 3 , 11 , 19 , 27 , 35 , 43
D. 1 , 5 , 9 , 13 , 17 , 21

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

3 , 9 , 15 , 21 , 27 , 33

A. 6 , 16 , 26 , 36 , 46 , 56
B. 4 , 10 , 16 , 22 , 28 , 34
C. 1 , 6 , 11 , 16 , 21 , 26
D. 8 , 10 , 12 , 14 , 16 , 18

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

10 , 12 , 14 , 16 , 18 , 20

A. 10 , 20 , 30 , 40 , 50 , 60
B. 5 , 7 , 9 , 11 , 13 , 15
C. 1 , 9 , 17 , 25 , 33 , 41
D. 8 , 12 , 16 , 20 , 24 , 28

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

9 , 15 , 21 , 27 , 33 , 39

A. 6 , 8 , 10 , 12 , 14 , 16
B. 2 , 8 , 14 , 20 , 26 , 32
C. 2 , 11 , 20 , 29 , 38 , 47
D. 9 , 14 , 19 , 24 , 29 , 34

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

4 , 14 , 24 , 34 , 44 , 54

A. 7 , 10 , 13 , 16 , 19 , 22
B. 3 , 9 , 15 , 21 , 27 , 33
C. 2 , 12 , 22 , 32 , 42 , 52
D. 7 , 12 , 17 , 22 , 27 , 32

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

8 , 16 , 24 , 32 , 40 , 48

A. 3 , 8 , 13 , 18 , 23 , 28
B. 6 , 10 , 14 , 18 , 22 , 26
C. 2 , 5 , 8 , 11 , 14 , 17
D. 9 , 17 , 25 , 33 , 41 , 49

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

10 , 14 , 18 , 22 , 26 , 30

A. 5 , 13 , 21 , 29 , 37 , 45
B. 10 , 12 , 14 , 16 , 18 , 20
C. 2 , 6 , 10 , 14 , 18 , 22
D. 2 , 5 , 8 , 11 , 14 , 17

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Name: **Answer Key**

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

Answers

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10 , 14 , 18 , 22 , 26 , 30

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B. 10 , 12 , 14 , 16 , 18 , 20
C. 2 , 6 , 10 , 14 , 18 , 22
D. 2 , 5 , 8 , 11 , 14 , 17

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