



**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 , 35 , 28 , 21 , 14 , 7

- A. 23 , 19 , 15 , 11 , 7 , 3
- B. 33 , 27 , 21 , 15 , 9 , 3
- C. 14 , 12 , 10 , 8 , 6 , 4
- D. 38 , 31 , 24 , 17 , 10 , 3

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

2 , 8 , 14 , 20 , 26 , 32

- A. 8 , 11 , 14 , 17 , 20 , 23
- B. 10 , 16 , 22 , 28 , 34 , 40
- C. 1 , 11 , 21 , 31 , 41 , 51
- D. 2 , 6 , 10 , 14 , 18 , 22

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

7 , 13 , 19 , 25 , 31 , 37

- A. 5 , 14 , 23 , 32 , 41 , 50
- B. 6 , 13 , 20 , 27 , 34 , 41
- C. 2 , 8 , 14 , 20 , 26 , 32
- D. 9 , 14 , 19 , 24 , 29 , 34

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

4 , 7 , 10 , 13 , 16 , 19

- A. 10 , 16 , 22 , 28 , 34 , 40
- B. 2 , 5 , 8 , 11 , 14 , 17
- C. 10 , 19 , 28 , 37 , 46 , 55
- D. 5 , 15 , 25 , 35 , 45 , 55

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

1 , 11 , 21 , 31 , 41 , 51

- A. 6 , 8 , 10 , 12 , 14 , 16
- B. 1 , 5 , 9 , 13 , 17 , 21
- C. 2 , 7 , 12 , 17 , 22 , 27
- D. 10 , 20 , 30 , 40 , 50 , 60

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

5 , 13 , 21 , 29 , 37 , 45

- A. 9 , 11 , 13 , 15 , 17 , 19
- B. 6 , 16 , 26 , 36 , 46 , 56
- C. 3 , 11 , 19 , 27 , 35 , 43
- D. 7 , 16 , 25 , 34 , 43 , 52

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

1 , 5 , 9 , 13 , 17 , 21

- A. 7 , 11 , 15 , 19 , 23 , 27
- B. 5 , 15 , 25 , 35 , 45 , 55
- C. 6 , 11 , 16 , 21 , 26 , 31
- D. 9 , 15 , 21 , 27 , 33 , 39

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

44 , 37 , 30 , 23 , 16 , 9

- A. 52 , 42 , 32 , 22 , 12 , 2
- B. 36 , 29 , 22 , 15 , 8 , 1
- C. 46 , 37 , 28 , 19 , 10 , 1
- D. 46 , 38 , 30 , 22 , 14 , 6

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

38 , 32 , 26 , 20 , 14 , 8

- A. 17 , 15 , 13 , 11 , 9 , 7
- B. 49 , 40 , 31 , 22 , 13 , 4
- C. 31 , 25 , 19 , 13 , 7 , 1
- D. 41 , 33 , 25 , 17 , 9 , 1

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

5 , 9 , 13 , 17 , 21 , 25

- A. 7 , 10 , 13 , 16 , 19 , 22
- B. 6 , 10 , 14 , 18 , 22 , 26
- C. 7 , 15 , 23 , 31 , 39 , 47
- D. 4 , 14 , 24 , 34 , 44 , 54

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
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- D. 4, 14, 24, 34, 44, 54

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