



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

**Answers**

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

14 , 12 , 10 , 8 , 6 , 4

- A. 47 , 38 , 29 , 20 , 11 , 2
- B. 42 , 34 , 26 , 18 , 10 , 2
- C. 17 , 15 , 13 , 11 , 9 , 7
- D. 31 , 26 , 21 , 16 , 11 , 6

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

30 , 26 , 22 , 18 , 14 , 10

- A. 36 , 29 , 22 , 15 , 8 , 1
- B. 53 , 44 , 35 , 26 , 17 , 8
- C. 25 , 21 , 17 , 13 , 9 , 5
- D. 46 , 38 , 30 , 22 , 14 , 6

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

12 , 10 , 8 , 6 , 4 , 2

- A. 46 , 37 , 28 , 19 , 10 , 1
- B. 18 , 16 , 14 , 12 , 10 , 8
- C. 26 , 21 , 16 , 11 , 6 , 1
- D. 37 , 30 , 23 , 16 , 9 , 2

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

24 , 20 , 16 , 12 , 8 , 4

- A. 21 , 17 , 13 , 9 , 5 , 1
- B. 38 , 31 , 24 , 17 , 10 , 3
- C. 48 , 39 , 30 , 21 , 12 , 3
- D. 21 , 18 , 15 , 12 , 9 , 6

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

6 , 14 , 22 , 30 , 38 , 46

- A. 10 , 18 , 26 , 34 , 42 , 50
- B. 8 , 11 , 14 , 17 , 20 , 23
- C. 7 , 11 , 15 , 19 , 23 , 27
- D. 7 , 13 , 19 , 25 , 31 , 37

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

2 , 7 , 12 , 17 , 22 , 27

- A. 10 , 12 , 14 , 16 , 18 , 20
- B. 5 , 8 , 11 , 14 , 17 , 20
- C. 5 , 11 , 17 , 23 , 29 , 35
- D. 10 , 15 , 20 , 25 , 30 , 35

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

6 , 9 , 12 , 15 , 18 , 21

- A. 10 , 13 , 16 , 19 , 22 , 25
- B. 8 , 15 , 22 , 29 , 36 , 43
- C. 1 , 10 , 19 , 28 , 37 , 46
- D. 4 , 8 , 12 , 16 , 20 , 24

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

44 , 37 , 30 , 23 , 16 , 9

- A. 18 , 16 , 14 , 12 , 10 , 8
- B. 36 , 30 , 24 , 18 , 12 , 6
- C. 51 , 42 , 33 , 24 , 15 , 6
- D. 36 , 29 , 22 , 15 , 8 , 1

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

57 , 47 , 37 , 27 , 17 , 7

- A. 56 , 46 , 36 , 26 , 16 , 6
- B. 15 , 13 , 11 , 9 , 7 , 5
- C. 32 , 27 , 22 , 17 , 12 , 7
- D. 21 , 18 , 15 , 12 , 9 , 6

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

5 , 15 , 25 , 35 , 45 , 55

- A. 2 , 12 , 22 , 32 , 42 , 52
- B. 9 , 13 , 17 , 21 , 25 , 29
- C. 9 , 18 , 27 , 36 , 45 , 54
- D. 7 , 12 , 17 , 22 , 27 , 32

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_



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

**Answers**

- |   |  |
|---|--|
| <p>1) Which choice uses the same subtraction rule as the pattern shown?<br/>             14 , 12 , 10 , 8 , 6 , 4</p> <p>A. 47 , 38 , 29 , 20 , 11 , 2<br/>         B. 42 , 34 , 26 , 18 , 10 , 2<br/>         C. 17 , 15 , 13 , 11 , 9 , 7<br/>         D. 31 , 26 , 21 , 16 , 11 , 6</p>  | <p>2) Which choice uses the same subtraction rule as the pattern shown?<br/>             30 , 26 , 22 , 18 , 14 , 10</p> <p>A. 36 , 29 , 22 , 15 , 8 , 1<br/>         B. 53 , 44 , 35 , 26 , 17 , 8<br/>         C. 25 , 21 , 17 , 13 , 9 , 5<br/>         D. 46 , 38 , 30 , 22 , 14 , 6</p> |
| <p>3) Which choice uses the same subtraction rule as the pattern shown?<br/>             12 , 10 , 8 , 6 , 4 , 2</p> <p>A. 46 , 37 , 28 , 19 , 10 , 1<br/>         B. 18 , 16 , 14 , 12 , 10 , 8<br/>         C. 26 , 21 , 16 , 11 , 6 , 1<br/>         D. 37 , 30 , 23 , 16 , 9 , 2</p>    | <p>4) Which choice uses the same subtraction rule as the pattern shown?<br/>             24 , 20 , 16 , 12 , 8 , 4</p> <p>A. 21 , 17 , 13 , 9 , 5 , 1<br/>         B. 38 , 31 , 24 , 17 , 10 , 3<br/>         C. 48 , 39 , 30 , 21 , 12 , 3<br/>         D. 21 , 18 , 15 , 12 , 9 , 6</p>    |
| <p>5) Which choice uses the same addition rule as the pattern shown?<br/>             6 , 14 , 22 , 30 , 38 , 46</p> <p>A. 10 , 18 , 26 , 34 , 42 , 50<br/>         B. 8 , 11 , 14 , 17 , 20 , 23<br/>         C. 7 , 11 , 15 , 19 , 23 , 27<br/>         D. 7 , 13 , 19 , 25 , 31 , 37</p> | <p>6) Which choice uses the same addition rule as the pattern shown?<br/>             2 , 7 , 12 , 17 , 22 , 27</p> <p>A. 10 , 12 , 14 , 16 , 18 , 20<br/>         B. 5 , 8 , 11 , 14 , 17 , 20<br/>         C. 5 , 11 , 17 , 23 , 29 , 35<br/>         D. 10 , 15 , 20 , 25 , 30 , 35</p>   |
| <p>7) Which choice uses the same addition rule as the pattern shown?<br/>             6 , 9 , 12 , 15 , 18 , 21</p> <p>A. 10 , 13 , 16 , 19 , 22 , 25<br/>         B. 8 , 15 , 22 , 29 , 36 , 43<br/>         C. 1 , 10 , 19 , 28 , 37 , 46<br/>         D. 4 , 8 , 12 , 16 , 20 , 24</p>   | <p>8) Which choice uses the same subtraction rule as the pattern shown?<br/>             44 , 37 , 30 , 23 , 16 , 9</p> <p>A. 18 , 16 , 14 , 12 , 10 , 8<br/>         B. 36 , 30 , 24 , 18 , 12 , 6<br/>         C. 51 , 42 , 33 , 24 , 15 , 6<br/>         D. 36 , 29 , 22 , 15 , 8 , 1</p> |
| <p>9) Which choice uses the same subtraction rule as the pattern shown?<br/>             57 , 47 , 37 , 27 , 17 , 7</p> <p>A. 56 , 46 , 36 , 26 , 16 , 6<br/>         B. 15 , 13 , 11 , 9 , 7 , 5<br/>         C. 32 , 27 , 22 , 17 , 12 , 7<br/>         D. 21 , 18 , 15 , 12 , 9 , 6</p>  | <p>10) Which choice uses the same addition rule as the pattern shown?<br/>             5 , 15 , 25 , 35 , 45 , 55</p> <p>A. 2 , 12 , 22 , 32 , 42 , 52<br/>         B. 9 , 13 , 17 , 21 , 25 , 29<br/>         C. 9 , 18 , 27 , 36 , 45 , 54<br/>         D. 7 , 12 , 17 , 22 , 27 , 32</p>  |

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