



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

**Answers**

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

49, 41, 33, 25, 17, 9

- A. 33, 28, 23, 18, 13, 8
- B. 20, 17, 14, 11, 8, 5
- C. 15, 13, 11, 9, 7, 5
- D. 43, 35, 27, 19, 11, 3

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

10, 16, 22, 28, 34, 40

- A. 4, 14, 24, 34, 44, 54
- B. 4, 8, 12, 16, 20, 24
- C. 5, 8, 11, 14, 17, 20
- D. 8, 14, 20, 26, 32, 38

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

6, 13, 20, 27, 34, 41

- A. 1, 6, 11, 16, 21, 26
- B. 2, 10, 18, 26, 34, 42
- C. 9, 15, 21, 27, 33, 39
- D. 5, 12, 19, 26, 33, 40

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

3, 9, 15, 21, 27, 33

- A. 9, 14, 19, 24, 29, 34
- B. 8, 14, 20, 26, 32, 38
- C. 7, 11, 15, 19, 23, 27
- D. 2, 12, 22, 32, 42, 52

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

48, 39, 30, 21, 12, 3

- A. 56, 46, 36, 26, 16, 6
- B. 50, 41, 32, 23, 14, 5
- C. 12, 10, 8, 6, 4, 2
- D. 31, 26, 21, 16, 11, 6

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

9, 17, 25, 33, 41, 49

- A. 2, 11, 20, 29, 38, 47
- B. 4, 7, 10, 13, 16, 19
- C. 8, 18, 28, 38, 48, 58
- D. 1, 9, 17, 25, 33, 41

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

41, 33, 25, 17, 9, 1

- A. 47, 39, 31, 23, 15, 7
- B. 49, 40, 31, 22, 13, 4
- C. 45, 38, 31, 24, 17, 10
- D. 16, 14, 12, 10, 8, 6

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

3, 10, 17, 24, 31, 38

- A. 4, 11, 18, 25, 32, 39
- B. 4, 6, 8, 10, 12, 14
- C. 2, 7, 12, 17, 22, 27
- D. 4, 8, 12, 16, 20, 24

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

4, 6, 8, 10, 12, 14

- A. 9, 14, 19, 24, 29, 34
- B. 6, 13, 20, 27, 34, 41
- C. 1, 3, 5, 7, 9, 11
- D. 4, 7, 10, 13, 16, 19

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

1, 10, 19, 28, 37, 46

- A. 7, 9, 11, 13, 15, 17
- B. 10, 20, 30, 40, 50, 60
- C. 5, 14, 23, 32, 41, 50
- D. 4, 8, 12, 16, 20, 24

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



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

**Answers**

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| <p>1) Which choice uses the same subtraction rule as the pattern shown?<br/>                                           49 , 41 , 33 , 25 , 17 , 9</p> <p>A. 33 , 28 , 23 , 18 , 13 , 8<br/>         B. 20 , 17 , 14 , 11 , 8 , 5<br/>         C. 15 , 13 , 11 , 9 , 7 , 5<br/>         D. 43 , 35 , 27 , 19 , 11 , 3</p>   | <p>2) Which choice uses the same addition rule as the pattern shown?<br/>                                           10 , 16 , 22 , 28 , 34 , 40</p> <p>A. 4 , 14 , 24 , 34 , 44 , 54<br/>         B. 4 , 8 , 12 , 16 , 20 , 24<br/>         C. 5 , 8 , 11 , 14 , 17 , 20<br/>         D. 8 , 14 , 20 , 26 , 32 , 38</p>  |
| <p>3) Which choice uses the same addition rule as the pattern shown?<br/>                                           6 , 13 , 20 , 27 , 34 , 41</p> <p>A. 1 , 6 , 11 , 16 , 21 , 26<br/>         B. 2 , 10 , 18 , 26 , 34 , 42<br/>         C. 9 , 15 , 21 , 27 , 33 , 39<br/>         D. 5 , 12 , 19 , 26 , 33 , 40</p>    | <p>4) Which choice uses the same addition rule as the pattern shown?<br/>                                           3 , 9 , 15 , 21 , 27 , 33</p> <p>A. 9 , 14 , 19 , 24 , 29 , 34<br/>         B. 8 , 14 , 20 , 26 , 32 , 38<br/>         C. 7 , 11 , 15 , 19 , 23 , 27<br/>         D. 2 , 12 , 22 , 32 , 42 , 52</p>  |
| <p>5) Which choice uses the same subtraction rule as the pattern shown?<br/>                                           48 , 39 , 30 , 21 , 12 , 3</p> <p>A. 56 , 46 , 36 , 26 , 16 , 6<br/>         B. 50 , 41 , 32 , 23 , 14 , 5<br/>         C. 12 , 10 , 8 , 6 , 4 , 2<br/>         D. 31 , 26 , 21 , 16 , 11 , 6</p>   | <p>6) Which choice uses the same addition rule as the pattern shown?<br/>                                           9 , 17 , 25 , 33 , 41 , 49</p> <p>A. 2 , 11 , 20 , 29 , 38 , 47<br/>         B. 4 , 7 , 10 , 13 , 16 , 19<br/>         C. 8 , 18 , 28 , 38 , 48 , 58<br/>         D. 1 , 9 , 17 , 25 , 33 , 41</p>   |
| <p>7) Which choice uses the same subtraction rule as the pattern shown?<br/>                                           41 , 33 , 25 , 17 , 9 , 1</p> <p>A. 47 , 39 , 31 , 23 , 15 , 7<br/>         B. 49 , 40 , 31 , 22 , 13 , 4<br/>         C. 45 , 38 , 31 , 24 , 17 , 10<br/>         D. 16 , 14 , 12 , 10 , 8 , 6</p> | <p>8) Which choice uses the same addition rule as the pattern shown?<br/>                                           3 , 10 , 17 , 24 , 31 , 38</p> <p>A. 4 , 11 , 18 , 25 , 32 , 39<br/>         B. 4 , 6 , 8 , 10 , 12 , 14<br/>         C. 2 , 7 , 12 , 17 , 22 , 27<br/>         D. 4 , 8 , 12 , 16 , 20 , 24</p>     |
| <p>9) Which choice uses the same addition rule as the pattern shown?<br/>                                           4 , 6 , 8 , 10 , 12 , 14</p> <p>A. 9 , 14 , 19 , 24 , 29 , 34<br/>         B. 6 , 13 , 20 , 27 , 34 , 41<br/>         C. 1 , 3 , 5 , 7 , 9 , 11<br/>         D. 4 , 7 , 10 , 13 , 16 , 19</p>          | <p>10) Which choice uses the same addition rule as the pattern shown?<br/>                                           1 , 10 , 19 , 28 , 37 , 46</p> <p>A. 7 , 9 , 11 , 13 , 15 , 17<br/>         B. 10 , 20 , 30 , 40 , 50 , 60<br/>         C. 5 , 14 , 23 , 32 , 41 , 50<br/>         D. 4 , 8 , 12 , 16 , 20 , 24</p> |

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