



**Determine which choice best answers the question.**

1) Which choice best demonstrates a pattern with the rule add 3?

- A. 1 , 11 , 21 , 31 , 41
- B. 5 , 14 , 23 , 32 , 41
- C. 3 , 13 , 23 , 33 , 43
- D. 6 , 9 , 12 , 15 , 18

2) Which choice best demonstrates a pattern with the rule subtract 4?

- A. 45 , 36 , 27 , 18 , 9
- B. 32 , 26 , 20 , 14 , 8
- C. 22 , 18 , 14 , 10 , 6
- D. 17 , 14 , 11 , 8 , 5

3) Which choice best demonstrates a pattern with the rule subtract 5?

- A. 38 , 31 , 24 , 17 , 10
- B. 35 , 28 , 21 , 14 , 7
- C. 38 , 30 , 22 , 14 , 6
- D. 27 , 22 , 17 , 12 , 7

4) Which choice best demonstrates a pattern with the rule add 3?

- A. 5 , 11 , 17 , 23 , 29
- B. 10 , 13 , 16 , 19 , 22
- C. 5 , 13 , 21 , 29 , 37
- D. 5 , 12 , 19 , 26 , 33

5) Which choice best demonstrates a pattern with the rule subtract 7?

- A. 20 , 16 , 12 , 8 , 4
- B. 24 , 20 , 16 , 12 , 8
- C. 33 , 26 , 19 , 12 , 5
- D. 13 , 11 , 9 , 7 , 5

6) Which choice best demonstrates a pattern with the rule add 5?

- A. 5 , 7 , 9 , 11 , 13
- B. 2 , 7 , 12 , 17 , 22
- C. 4 , 12 , 20 , 28 , 36
- D. 9 , 13 , 17 , 21 , 25

7) Which choice best demonstrates a pattern with the rule subtract 7?

- A. 39 , 30 , 21 , 12 , 3
- B. 35 , 27 , 19 , 11 , 3
- C. 30 , 23 , 16 , 9 , 2
- D. 30 , 25 , 20 , 15 , 10

8) Which choice best demonstrates a pattern with the rule subtract 5?

- A. 25 , 20 , 15 , 10 , 5
- B. 40 , 32 , 24 , 16 , 8
- C. 35 , 28 , 21 , 14 , 7
- D. 12 , 10 , 8 , 6 , 4

9) Which choice best demonstrates a pattern with the rule add 8?

- A. 6 , 14 , 22 , 30 , 38
- B. 7 , 17 , 27 , 37 , 47
- C. 10 , 20 , 30 , 40 , 50
- D. 4 , 9 , 14 , 19 , 24

10) Which choice best demonstrates a pattern with the rule subtract 9?

- A. 14 , 12 , 10 , 8 , 6
- B. 36 , 28 , 20 , 12 , 4
- C. 26 , 20 , 14 , 8 , 2
- D. 44 , 35 , 26 , 17 , 8

**Answers**

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



Determine which choice best answers the question.

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|---|---|
| <p>1) Which choice best demonstrates a pattern with the rule add 3?<br/>         A. 1, 11, 21, 31, 41<br/>         B. 5, 14, 23, 32, 41<br/>         C. 3, 13, 23, 33, 43<br/>         D. 6, 9, 12, 15, 18</p>        | <p>2) Which choice best demonstrates a pattern with the rule subtract 4?<br/>         A. 45, 36, 27, 18, 9<br/>         B. 32, 26, 20, 14, 8<br/>         C. 22, 18, 14, 10, 6<br/>         D. 17, 14, 11, 8, 5</p> |
| <p>3) Which choice best demonstrates a pattern with the rule subtract 5?<br/>         A. 38, 31, 24, 17, 10<br/>         B. 35, 28, 21, 14, 7<br/>         C. 38, 30, 22, 14, 6<br/>         D. 27, 22, 17, 12, 7</p> | <p>4) Which choice best demonstrates a pattern with the rule add 3?<br/>         A. 5, 11, 17, 23, 29<br/>         B. 10, 13, 16, 19, 22<br/>         C. 5, 13, 21, 29, 37<br/>         D. 5, 12, 19, 26, 33</p>    |
| <p>5) Which choice best demonstrates a pattern with the rule subtract 7?<br/>         A. 20, 16, 12, 8, 4<br/>         B. 24, 20, 16, 12, 8<br/>         C. 33, 26, 19, 12, 5<br/>         D. 13, 11, 9, 7, 5</p>     | <p>6) Which choice best demonstrates a pattern with the rule add 5?<br/>         A. 5, 7, 9, 11, 13<br/>         B. 2, 7, 12, 17, 22<br/>         C. 4, 12, 20, 28, 36<br/>         D. 9, 13, 17, 21, 25</p>        |
| <p>7) Which choice best demonstrates a pattern with the rule subtract 7?<br/>         A. 39, 30, 21, 12, 3<br/>         B. 35, 27, 19, 11, 3<br/>         C. 30, 23, 16, 9, 2<br/>         D. 30, 25, 20, 15, 10</p>  | <p>8) Which choice best demonstrates a pattern with the rule subtract 5?<br/>         A. 25, 20, 15, 10, 5<br/>         B. 40, 32, 24, 16, 8<br/>         C. 35, 28, 21, 14, 7<br/>         D. 12, 10, 8, 6, 4</p>  |
| <p>9) Which choice best demonstrates a pattern with the rule add 8?<br/>         A. 6, 14, 22, 30, 38<br/>         B. 7, 17, 27, 37, 47<br/>         C. 10, 20, 30, 40, 50<br/>         D. 4, 9, 14, 19, 24</p>       | <p>10) Which choice best demonstrates a pattern with the rule subtract 9?<br/>         A. 14, 12, 10, 8, 6<br/>         B. 36, 28, 20, 12, 4<br/>         C. 26, 20, 14, 8, 2<br/>         D. 44, 35, 26, 17, 8</p> |

Answers

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|-----|----------|
| 1.  | <b>D</b> |
| 2.  | <b>C</b> |
| 3.  | <b>D</b> |
| 4.  | <b>B</b> |
| 5.  | <b>C</b> |
| 6.  | <b>B</b> |
| 7.  | <b>C</b> |
| 8.  | <b>A</b> |
| 9.  | <b>A</b> |
| 10. | <b>D</b> |