



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**



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

**Answers**

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

55, 46, 37, 28, 19, 10

- A. 40, 34, 28, 22, 16, 10
- B. 59, 49, 39, 29, 19, 9
- C. 48, 39, 30, 21, 12, 3
- D. 39, 32, 25, 18, 11, 4

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

35, 29, 23, 17, 11, 5

- A. 40, 34, 28, 22, 16, 10
- B. 53, 44, 35, 26, 17, 8
- C. 49, 41, 33, 25, 17, 9
- D. 12, 10, 8, 6, 4, 2

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

7, 14, 21, 28, 35, 42

- A. 4, 13, 22, 31, 40, 49
- B. 6, 13, 20, 27, 34, 41
- C. 9, 19, 29, 39, 49, 59
- D. 8, 14, 20, 26, 32, 38

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

1, 6, 11, 16, 21, 26

- A. 3, 8, 13, 18, 23, 28
- B. 4, 7, 10, 13, 16, 19
- C. 7, 11, 15, 19, 23, 27
- D. 5, 7, 9, 11, 13, 15

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

6, 9, 12, 15, 18, 21

- A. 2, 5, 8, 11, 14, 17
- B. 1, 5, 9, 13, 17, 21
- C. 7, 16, 25, 34, 43, 52
- D. 3, 8, 13, 18, 23, 28

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

2, 4, 6, 8, 10, 12

- A. 9, 11, 13, 15, 17, 19
- B. 4, 14, 24, 34, 44, 54
- C. 6, 15, 24, 33, 42, 51
- D. 9, 14, 19, 24, 29, 34

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

54, 44, 34, 24, 14, 4

- A. 35, 29, 23, 17, 11, 5
- B. 24, 21, 18, 15, 12, 9
- C. 30, 25, 20, 15, 10, 5
- D. 52, 42, 32, 22, 12, 2

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

51, 41, 31, 21, 11, 1

- A. 55, 45, 35, 25, 15, 5
- B. 40, 33, 26, 19, 12, 5
- C. 34, 29, 24, 19, 14, 9
- D. 28, 24, 20, 16, 12, 8

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

4, 11, 18, 25, 32, 39

- A. 10, 20, 30, 40, 50, 60
- B. 10, 12, 14, 16, 18, 20
- C. 5, 14, 23, 32, 41, 50
- D. 5, 12, 19, 26, 33, 40

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

9, 14, 19, 24, 29, 34

- A. 4, 11, 18, 25, 32, 39
- B. 5, 10, 15, 20, 25, 30
- C. 4, 7, 10, 13, 16, 19
- D. 2, 12, 22, 32, 42, 52

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



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

**Answers**

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

55, 46, 37, 28, 19, 10

- A. 40, 34, 28, 22, 16, 10
- B. 59, 49, 39, 29, 19, 9
- C. 48, 39, 30, 21, 12, 3
- D. 39, 32, 25, 18, 11, 4

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

35, 29, 23, 17, 11, 5

- A. 40, 34, 28, 22, 16, 10
- B. 53, 44, 35, 26, 17, 8
- C. 49, 41, 33, 25, 17, 9
- D. 12, 10, 8, 6, 4, 2

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

7, 14, 21, 28, 35, 42

- A. 4, 13, 22, 31, 40, 49
- B. 6, 13, 20, 27, 34, 41
- C. 9, 19, 29, 39, 49, 59
- D. 8, 14, 20, 26, 32, 38

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

1, 6, 11, 16, 21, 26

- A. 3, 8, 13, 18, 23, 28
- B. 4, 7, 10, 13, 16, 19
- C. 7, 11, 15, 19, 23, 27
- D. 5, 7, 9, 11, 13, 15

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

6, 9, 12, 15, 18, 21

- A. 2, 5, 8, 11, 14, 17
- B. 1, 5, 9, 13, 17, 21
- C. 7, 16, 25, 34, 43, 52
- D. 3, 8, 13, 18, 23, 28

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

2, 4, 6, 8, 10, 12

- A. 9, 11, 13, 15, 17, 19
- B. 4, 14, 24, 34, 44, 54
- C. 6, 15, 24, 33, 42, 51
- D. 9, 14, 19, 24, 29, 34

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

54, 44, 34, 24, 14, 4

- A. 35, 29, 23, 17, 11, 5
- B. 24, 21, 18, 15, 12, 9
- C. 30, 25, 20, 15, 10, 5
- D. 52, 42, 32, 22, 12, 2

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

51, 41, 31, 21, 11, 1

- A. 55, 45, 35, 25, 15, 5
- B. 40, 33, 26, 19, 12, 5
- C. 34, 29, 24, 19, 14, 9
- D. 28, 24, 20, 16, 12, 8

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

4, 11, 18, 25, 32, 39

- A. 10, 20, 30, 40, 50, 60
- B. 10, 12, 14, 16, 18, 20
- C. 5, 14, 23, 32, 41, 50
- D. 5, 12, 19, 26, 33, 40

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

9, 14, 19, 24, 29, 34

- A. 4, 11, 18, 25, 32, 39
- B. 5, 10, 15, 20, 25, 30
- C. 4, 7, 10, 13, 16, 19
- D. 2, 12, 22, 32, 42, 52

1.     **C**    

2.     **A**    

3.     **B**    

4.     **A**    

5.     **A**    

6.     **A**    

7.     **D**    

8.     **A**    

9.     **D**    

10.     **B**



**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**

- |  |  |
|--|--|
| <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**



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. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_



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. **D**

2. **B**

3. **C**

4. **B**

5. **D**

6. **C**

7. **A**

8. **B**

9. **C**

10. **B**





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

**Answers**

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

26, 21, 16, 11, 6, 1

- A. 21, 18, 15, 12, 9, 6
- B. 47, 38, 29, 20, 11, 2
- C. 48, 40, 32, 24, 16, 8
- D. 31, 26, 21, 16, 11, 6

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

23, 20, 17, 14, 11, 8

- A. 31, 25, 19, 13, 7, 1
- B. 19, 16, 13, 10, 7, 4
- C. 50, 42, 34, 26, 18, 10
- D. 15, 13, 11, 9, 7, 5

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

3, 7, 11, 15, 19, 23

- A. 9, 19, 29, 39, 49, 59
- B. 1, 8, 15, 22, 29, 36
- C. 8, 16, 24, 32, 40, 48
- D. 7, 11, 15, 19, 23, 27

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

21, 18, 15, 12, 9, 6

- A. 37, 30, 23, 16, 9, 2
- B. 59, 49, 39, 29, 19, 9
- C. 30, 26, 22, 18, 14, 10
- D. 19, 16, 13, 10, 7, 4

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

1, 8, 15, 22, 29, 36

- A. 1, 6, 11, 16, 21, 26
- B. 6, 10, 14, 18, 22, 26
- C. 2, 9, 16, 23, 30, 37
- D. 3, 6, 9, 12, 15, 18

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

30, 25, 20, 15, 10, 5

- A. 33, 28, 23, 18, 13, 8
- B. 42, 34, 26, 18, 10, 2
- C. 28, 24, 20, 16, 12, 8
- D. 55, 45, 35, 25, 15, 5

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

22, 19, 16, 13, 10, 7

- A. 18, 15, 12, 9, 6, 3
- B. 53, 43, 33, 23, 13, 3
- C. 38, 32, 26, 20, 14, 8
- D. 44, 36, 28, 20, 12, 4

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

52, 42, 32, 22, 12, 2

- A. 34, 28, 22, 16, 10, 4
- B. 57, 47, 37, 27, 17, 7
- C. 14, 12, 10, 8, 6, 4
- D. 41, 33, 25, 17, 9, 1

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

3, 6, 9, 12, 15, 18

- A. 7, 17, 27, 37, 47, 57
- B. 10, 19, 28, 37, 46, 55
- C. 10, 17, 24, 31, 38, 45
- D. 8, 11, 14, 17, 20, 23

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

1, 9, 17, 25, 33, 41

- A. 8, 14, 20, 26, 32, 38
- B. 3, 11, 19, 27, 35, 43
- C. 9, 19, 29, 39, 49, 59
- D. 2, 5, 8, 11, 14, 17

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



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

**Answers**

- 1) Which choice uses the same subtraction rule as the pattern shown?  
 $26, 21, 16, 11, 6, 1$   
 A.  $21, 18, 15, 12, 9, 6$   
 B.  $47, 38, 29, 20, 11, 2$   
 C.  $48, 40, 32, 24, 16, 8$   
 D.  $31, 26, 21, 16, 11, 6$
- 2) Which choice uses the same subtraction rule as the pattern shown?  
 $23, 20, 17, 14, 11, 8$   
 A.  $31, 25, 19, 13, 7, 1$   
 B.  $19, 16, 13, 10, 7, 4$   
 C.  $50, 42, 34, 26, 18, 10$   
 D.  $15, 13, 11, 9, 7, 5$
- 3) Which choice uses the same addition rule as the pattern shown?  
 $3, 7, 11, 15, 19, 23$   
 A.  $9, 19, 29, 39, 49, 59$   
 B.  $1, 8, 15, 22, 29, 36$   
 C.  $8, 16, 24, 32, 40, 48$   
 D.  $7, 11, 15, 19, 23, 27$
- 4) Which choice uses the same subtraction rule as the pattern shown?  
 $21, 18, 15, 12, 9, 6$   
 A.  $37, 30, 23, 16, 9, 2$   
 B.  $59, 49, 39, 29, 19, 9$   
 C.  $30, 26, 22, 18, 14, 10$   
 D.  $19, 16, 13, 10, 7, 4$
- 5) Which choice uses the same addition rule as the pattern shown?  
 $1, 8, 15, 22, 29, 36$   
 A.  $1, 6, 11, 16, 21, 26$   
 B.  $6, 10, 14, 18, 22, 26$   
 C.  $2, 9, 16, 23, 30, 37$   
 D.  $3, 6, 9, 12, 15, 18$
- 6) Which choice uses the same subtraction rule as the pattern shown?  
 $30, 25, 20, 15, 10, 5$   
 A.  $33, 28, 23, 18, 13, 8$   
 B.  $42, 34, 26, 18, 10, 2$   
 C.  $28, 24, 20, 16, 12, 8$   
 D.  $55, 45, 35, 25, 15, 5$
- 7) Which choice uses the same subtraction rule as the pattern shown?  
 $22, 19, 16, 13, 10, 7$   
 A.  $18, 15, 12, 9, 6, 3$   
 B.  $53, 43, 33, 23, 13, 3$   
 C.  $38, 32, 26, 20, 14, 8$   
 D.  $44, 36, 28, 20, 12, 4$
- 8) Which choice uses the same subtraction rule as the pattern shown?  
 $52, 42, 32, 22, 12, 2$   
 A.  $34, 28, 22, 16, 10, 4$   
 B.  $57, 47, 37, 27, 17, 7$   
 C.  $14, 12, 10, 8, 6, 4$   
 D.  $41, 33, 25, 17, 9, 1$
- 9) Which choice uses the same addition rule as the pattern shown?  
 $3, 6, 9, 12, 15, 18$   
 A.  $7, 17, 27, 37, 47, 57$   
 B.  $10, 19, 28, 37, 46, 55$   
 C.  $10, 17, 24, 31, 38, 45$   
 D.  $8, 11, 14, 17, 20, 23$
- 10) Which choice uses the same addition rule as the pattern shown?  
 $1, 9, 17, 25, 33, 41$   
 A.  $8, 14, 20, 26, 32, 38$   
 B.  $3, 11, 19, 27, 35, 43$   
 C.  $9, 19, 29, 39, 49, 59$   
 D.  $2, 5, 8, 11, 14, 17$

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



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

**Answers**

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

2, 6, 10, 14, 18, 22

- A. 7, 11, 15, 19, 23, 27
- B. 5, 14, 23, 32, 41, 50
- C. 1, 9, 17, 25, 33, 41
- D. 2, 7, 12, 17, 22, 27

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

44, 36, 28, 20, 12, 4

- A. 49, 41, 33, 25, 17, 9
- B. 25, 22, 19, 16, 13, 10
- C. 45, 38, 31, 24, 17, 10
- D. 28, 24, 20, 16, 12, 8

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

55, 45, 35, 25, 15, 5

- A. 24, 21, 18, 15, 12, 9
- B. 45, 38, 31, 24, 17, 10
- C. 52, 43, 34, 25, 16, 7
- D. 56, 46, 36, 26, 16, 6

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

51, 42, 33, 24, 15, 6

- A. 41, 34, 27, 20, 13, 6
- B. 27, 23, 19, 15, 11, 7
- C. 35, 29, 23, 17, 11, 5
- D. 46, 37, 28, 19, 10, 1

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

1, 4, 7, 10, 13, 16

- A. 5, 7, 9, 11, 13, 15
- B. 10, 13, 16, 19, 22, 25
- C. 4, 13, 22, 31, 40, 49
- D. 8, 14, 20, 26, 32, 38

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

1, 9, 17, 25, 33, 41

- A. 9, 15, 21, 27, 33, 39
- B. 4, 9, 14, 19, 24, 29
- C. 4, 8, 12, 16, 20, 24
- D. 3, 11, 19, 27, 35, 43

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

32, 26, 20, 14, 8, 2

- A. 34, 28, 22, 16, 10, 4
- B. 55, 45, 35, 25, 15, 5
- C. 26, 21, 16, 11, 6, 1
- D. 51, 42, 33, 24, 15, 6

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

1, 3, 5, 7, 9, 11

- A. 7, 16, 25, 34, 43, 52
- B. 3, 6, 9, 12, 15, 18
- C. 5, 12, 19, 26, 33, 40
- D. 5, 7, 9, 11, 13, 15

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

59, 49, 39, 29, 19, 9

- A. 27, 23, 19, 15, 11, 7
- B. 29, 24, 19, 14, 9, 4
- C. 55, 45, 35, 25, 15, 5
- D. 18, 15, 12, 9, 6, 3

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

46, 38, 30, 22, 14, 6

- A. 43, 35, 27, 19, 11, 3
- B. 52, 43, 34, 25, 16, 7
- C. 40, 34, 28, 22, 16, 10
- D. 14, 12, 10, 8, 6, 4

- 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 addition rule as the pattern shown?<br/> <math>2, 6, 10, 14, 18, 22</math></p> <p>A. <math>7, 11, 15, 19, 23, 27</math><br/>         B. <math>5, 14, 23, 32, 41, 50</math><br/>         C. <math>1, 9, 17, 25, 33, 41</math><br/>         D. <math>2, 7, 12, 17, 22, 27</math></p>        | <p>2) Which choice uses the same subtraction rule as the pattern shown?<br/> <math>44, 36, 28, 20, 12, 4</math></p> <p>A. <math>49, 41, 33, 25, 17, 9</math><br/>         B. <math>25, 22, 19, 16, 13, 10</math><br/>         C. <math>45, 38, 31, 24, 17, 10</math><br/>         D. <math>28, 24, 20, 16, 12, 8</math></p> |
| <p>3) Which choice uses the same subtraction rule as the pattern shown?<br/> <math>55, 45, 35, 25, 15, 5</math></p> <p>A. <math>24, 21, 18, 15, 12, 9</math><br/>         B. <math>45, 38, 31, 24, 17, 10</math><br/>         C. <math>52, 43, 34, 25, 16, 7</math><br/>         D. <math>56, 46, 36, 26, 16, 6</math></p> | <p>4) Which choice uses the same subtraction rule as the pattern shown?<br/> <math>51, 42, 33, 24, 15, 6</math></p> <p>A. <math>41, 34, 27, 20, 13, 6</math><br/>         B. <math>27, 23, 19, 15, 11, 7</math><br/>         C. <math>35, 29, 23, 17, 11, 5</math><br/>         D. <math>46, 37, 28, 19, 10, 1</math></p>   |
| <p>5) Which choice uses the same addition rule as the pattern shown?<br/> <math>1, 4, 7, 10, 13, 16</math></p> <p>A. <math>5, 7, 9, 11, 13, 15</math><br/>         B. <math>10, 13, 16, 19, 22, 25</math><br/>         C. <math>4, 13, 22, 31, 40, 49</math><br/>         D. <math>8, 14, 20, 26, 32, 38</math></p>        | <p>6) Which choice uses the same addition rule as the pattern shown?<br/> <math>1, 9, 17, 25, 33, 41</math></p> <p>A. <math>9, 15, 21, 27, 33, 39</math><br/>         B. <math>4, 9, 14, 19, 24, 29</math><br/>         C. <math>4, 8, 12, 16, 20, 24</math><br/>         D. <math>3, 11, 19, 27, 35, 43</math></p>         |
| <p>7) Which choice uses the same subtraction rule as the pattern shown?<br/> <math>32, 26, 20, 14, 8, 2</math></p> <p>A. <math>34, 28, 22, 16, 10, 4</math><br/>         B. <math>55, 45, 35, 25, 15, 5</math><br/>         C. <math>26, 21, 16, 11, 6, 1</math><br/>         D. <math>51, 42, 33, 24, 15, 6</math></p>    | <p>8) Which choice uses the same addition rule as the pattern shown?<br/> <math>1, 3, 5, 7, 9, 11</math></p> <p>A. <math>7, 16, 25, 34, 43, 52</math><br/>         B. <math>3, 6, 9, 12, 15, 18</math><br/>         C. <math>5, 12, 19, 26, 33, 40</math><br/>         D. <math>5, 7, 9, 11, 13, 15</math></p>              |
| <p>9) Which choice uses the same subtraction rule as the pattern shown?<br/> <math>59, 49, 39, 29, 19, 9</math></p> <p>A. <math>27, 23, 19, 15, 11, 7</math><br/>         B. <math>29, 24, 19, 14, 9, 4</math><br/>         C. <math>55, 45, 35, 25, 15, 5</math><br/>         D. <math>18, 15, 12, 9, 6, 3</math></p>     | <p>10) Which choice uses the same subtraction rule as the pattern shown?<br/> <math>46, 38, 30, 22, 14, 6</math></p> <p>A. <math>43, 35, 27, 19, 11, 3</math><br/>         B. <math>52, 43, 34, 25, 16, 7</math><br/>         C. <math>40, 34, 28, 22, 16, 10</math><br/>         D. <math>14, 12, 10, 8, 6, 4</math></p>   |

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



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

**Answers**

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

4, 13, 22, 31, 40, 49

- A. 10, 19, 28, 37, 46, 55
- B. 10, 17, 24, 31, 38, 45
- C. 9, 17, 25, 33, 41, 49
- D. 5, 10, 15, 20, 25, 30

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

6, 13, 20, 27, 34, 41

- A. 10, 17, 24, 31, 38, 45
- B. 10, 14, 18, 22, 26, 30
- C. 5, 11, 17, 23, 29, 35
- D. 9, 19, 29, 39, 49, 59

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

49, 40, 31, 22, 13, 4

- A. 54, 45, 36, 27, 18, 9
- B. 25, 22, 19, 16, 13, 10
- C. 52, 42, 32, 22, 12, 2
- D. 30, 25, 20, 15, 10, 5

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

52, 42, 32, 22, 12, 2

- A. 29, 25, 21, 17, 13, 9
- B. 32, 26, 20, 14, 8, 2
- C. 55, 45, 35, 25, 15, 5
- D. 29, 24, 19, 14, 9, 4

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

43, 36, 29, 22, 15, 8

- A. 19, 16, 13, 10, 7, 4
- B. 38, 31, 24, 17, 10, 3
- C. 52, 43, 34, 25, 16, 7
- D. 29, 25, 21, 17, 13, 9

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

4, 7, 10, 13, 16, 19

- A. 9, 12, 15, 18, 21, 24
- B. 7, 11, 15, 19, 23, 27
- C. 7, 12, 17, 22, 27, 32
- D. 2, 10, 18, 26, 34, 42

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

6, 11, 16, 21, 26, 31

- A. 3, 5, 7, 9, 11, 13
- B. 9, 14, 19, 24, 29, 34
- C. 7, 16, 25, 34, 43, 52
- D. 6, 10, 14, 18, 22, 26

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

8, 15, 22, 29, 36, 43

- A. 1, 5, 9, 13, 17, 21
- B. 7, 15, 23, 31, 39, 47
- C. 1, 3, 5, 7, 9, 11
- D. 1, 8, 15, 22, 29, 36

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

18, 16, 14, 12, 10, 8

- A. 43, 36, 29, 22, 15, 8
- B. 56, 46, 36, 26, 16, 6
- C. 17, 15, 13, 11, 9, 7
- D. 23, 19, 15, 11, 7, 3

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

10, 13, 16, 19, 22, 25

- A. 4, 14, 24, 34, 44, 54
- B. 1, 8, 15, 22, 29, 36
- C. 5, 9, 13, 17, 21, 25
- D. 6, 9, 12, 15, 18, 21

- 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 addition rule as the pattern shown?<br/>             4, 13, 22, 31, 40, 49</p> <p>A. 10, 19, 28, 37, 46, 55<br/>         B. 10, 17, 24, 31, 38, 45<br/>         C. 9, 17, 25, 33, 41, 49<br/>         D. 5, 10, 15, 20, 25, 30</p>   | <p>2) Which choice uses the same addition rule as the pattern shown?<br/>             6, 13, 20, 27, 34, 41</p> <p>A. 10, 17, 24, 31, 38, 45<br/>         B. 10, 14, 18, 22, 26, 30<br/>         C. 5, 11, 17, 23, 29, 35<br/>         D. 9, 19, 29, 39, 49, 59</p> |
| <p>3) Which choice uses the same subtraction rule as the pattern shown?<br/>             49, 40, 31, 22, 13, 4</p> <p>A. 54, 45, 36, 27, 18, 9<br/>         B. 25, 22, 19, 16, 13, 10<br/>         C. 52, 42, 32, 22, 12, 2<br/>         D. 30, 25, 20, 15, 10, 5</p> | <p>4) Which choice uses the same subtraction rule as the pattern shown?<br/>             52, 42, 32, 22, 12, 2</p> <p>A. 29, 25, 21, 17, 13, 9<br/>         B. 32, 26, 20, 14, 8, 2<br/>         C. 55, 45, 35, 25, 15, 5<br/>         D. 29, 24, 19, 14, 9, 4</p>  |
| <p>5) Which choice uses the same subtraction rule as the pattern shown?<br/>             43, 36, 29, 22, 15, 8</p> <p>A. 19, 16, 13, 10, 7, 4<br/>         B. 38, 31, 24, 17, 10, 3<br/>         C. 52, 43, 34, 25, 16, 7<br/>         D. 29, 25, 21, 17, 13, 9</p>   | <p>6) Which choice uses the same addition rule as the pattern shown?<br/>             4, 7, 10, 13, 16, 19</p> <p>A. 9, 12, 15, 18, 21, 24<br/>         B. 7, 11, 15, 19, 23, 27<br/>         C. 7, 12, 17, 22, 27, 32<br/>         D. 2, 10, 18, 26, 34, 42</p>    |
| <p>7) Which choice uses the same addition rule as the pattern shown?<br/>             6, 11, 16, 21, 26, 31</p> <p>A. 3, 5, 7, 9, 11, 13<br/>         B. 9, 14, 19, 24, 29, 34<br/>         C. 7, 16, 25, 34, 43, 52<br/>         D. 6, 10, 14, 18, 22, 26</p>        | <p>8) Which choice uses the same addition rule as the pattern shown?<br/>             8, 15, 22, 29, 36, 43</p> <p>A. 1, 5, 9, 13, 17, 21<br/>         B. 7, 15, 23, 31, 39, 47<br/>         C. 1, 3, 5, 7, 9, 11<br/>         D. 1, 8, 15, 22, 29, 36</p>          |
| <p>9) Which choice uses the same subtraction rule as the pattern shown?<br/>             18, 16, 14, 12, 10, 8</p> <p>A. 43, 36, 29, 22, 15, 8<br/>         B. 56, 46, 36, 26, 16, 6<br/>         C. 17, 15, 13, 11, 9, 7<br/>         D. 23, 19, 15, 11, 7, 3</p>    | <p>10) Which choice uses the same addition rule as the pattern shown?<br/>             10, 13, 16, 19, 22, 25</p> <p>A. 4, 14, 24, 34, 44, 54<br/>         B. 1, 8, 15, 22, 29, 36<br/>         C. 5, 9, 13, 17, 21, 25<br/>         D. 6, 9, 12, 15, 18, 21</p>    |

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



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

**Answers**

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

26, 21, 16, 11, 6, 1

- A. 44, 36, 28, 20, 12, 4
- B. 25, 22, 19, 16, 13, 10
- C. 34, 28, 22, 16, 10, 4
- D. 31, 26, 21, 16, 11, 6

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

10, 15, 20, 25, 30, 35

- A. 5, 13, 21, 29, 37, 45
- B. 5, 10, 15, 20, 25, 30
- C. 9, 12, 15, 18, 21, 24
- D. 5, 11, 17, 23, 29, 35

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

7, 11, 15, 19, 23, 27

- A. 5, 10, 15, 20, 25, 30
- B. 6, 9, 12, 15, 18, 21
- C. 5, 7, 9, 11, 13, 15
- D. 4, 8, 12, 16, 20, 24

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

5, 10, 15, 20, 25, 30

- A. 8, 13, 18, 23, 28, 33
- B. 4, 13, 22, 31, 40, 49
- C. 8, 14, 20, 26, 32, 38
- D. 7, 17, 27, 37, 47, 57

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

16, 13, 10, 7, 4, 1

- A. 57, 47, 37, 27, 17, 7
- B. 42, 34, 26, 18, 10, 2
- C. 26, 21, 16, 11, 6, 1
- D. 20, 17, 14, 11, 8, 5

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

42, 34, 26, 18, 10, 2

- A. 17, 15, 13, 11, 9, 7
- B. 58, 48, 38, 28, 18, 8
- C. 46, 38, 30, 22, 14, 6
- D. 29, 24, 19, 14, 9, 4

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

9, 17, 25, 33, 41, 49

- A. 10, 16, 22, 28, 34, 40
- B. 1, 8, 15, 22, 29, 36
- C. 10, 18, 26, 34, 42, 50
- D. 4, 7, 10, 13, 16, 19

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

6, 10, 14, 18, 22, 26

- A. 5, 9, 13, 17, 21, 25
- B. 2, 11, 20, 29, 38, 47
- C. 6, 16, 26, 36, 46, 56
- D. 4, 6, 8, 10, 12, 14

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

14, 12, 10, 8, 6, 4

- A. 51, 41, 31, 21, 11, 1
- B. 45, 38, 31, 24, 17, 10
- C. 29, 24, 19, 14, 9, 4
- D. 19, 17, 15, 13, 11, 9

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

49, 40, 31, 22, 13, 4

- A. 36, 30, 24, 18, 12, 6
- B. 58, 48, 38, 28, 18, 8
- C. 30, 25, 20, 15, 10, 5
- D. 48, 39, 30, 21, 12, 3

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



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

**Answers**

- 1) Which choice uses the same subtraction rule as the pattern shown?  
 26, 21, 16, 11, 6, 1  
 A. 44, 36, 28, 20, 12, 4  
 B. 25, 22, 19, 16, 13, 10  
 C. 34, 28, 22, 16, 10, 4  
 D. 31, 26, 21, 16, 11, 6
- 2) Which choice uses the same addition rule as the pattern shown?  
 10, 15, 20, 25, 30, 35  
 A. 5, 13, 21, 29, 37, 45  
 B. 5, 10, 15, 20, 25, 30  
 C. 9, 12, 15, 18, 21, 24  
 D. 5, 11, 17, 23, 29, 35
- 3) Which choice uses the same addition rule as the pattern shown?  
 7, 11, 15, 19, 23, 27  
 A. 5, 10, 15, 20, 25, 30  
 B. 6, 9, 12, 15, 18, 21  
 C. 5, 7, 9, 11, 13, 15  
 D. 4, 8, 12, 16, 20, 24
- 4) Which choice uses the same addition rule as the pattern shown?  
 5, 10, 15, 20, 25, 30  
 A. 8, 13, 18, 23, 28, 33  
 B. 4, 13, 22, 31, 40, 49  
 C. 8, 14, 20, 26, 32, 38  
 D. 7, 17, 27, 37, 47, 57
- 5) Which choice uses the same subtraction rule as the pattern shown?  
 16, 13, 10, 7, 4, 1  
 A. 57, 47, 37, 27, 17, 7  
 B. 42, 34, 26, 18, 10, 2  
 C. 26, 21, 16, 11, 6, 1  
 D. 20, 17, 14, 11, 8, 5
- 6) Which choice uses the same subtraction rule as the pattern shown?  
 42, 34, 26, 18, 10, 2  
 A. 17, 15, 13, 11, 9, 7  
 B. 58, 48, 38, 28, 18, 8  
 C. 46, 38, 30, 22, 14, 6  
 D. 29, 24, 19, 14, 9, 4
- 7) Which choice uses the same addition rule as the pattern shown?  
 9, 17, 25, 33, 41, 49  
 A. 10, 16, 22, 28, 34, 40  
 B. 1, 8, 15, 22, 29, 36  
 C. 10, 18, 26, 34, 42, 50  
 D. 4, 7, 10, 13, 16, 19
- 8) Which choice uses the same addition rule as the pattern shown?  
 6, 10, 14, 18, 22, 26  
 A. 5, 9, 13, 17, 21, 25  
 B. 2, 11, 20, 29, 38, 47  
 C. 6, 16, 26, 36, 46, 56  
 D. 4, 6, 8, 10, 12, 14
- 9) Which choice uses the same subtraction rule as the pattern shown?  
 14, 12, 10, 8, 6, 4  
 A. 51, 41, 31, 21, 11, 1  
 B. 45, 38, 31, 24, 17, 10  
 C. 29, 24, 19, 14, 9, 4  
 D. 19, 17, 15, 13, 11, 9
- 10) Which choice uses the same subtraction rule as the pattern shown?  
 49, 40, 31, 22, 13, 4  
 A. 36, 30, 24, 18, 12, 6  
 B. 58, 48, 38, 28, 18, 8  
 C. 30, 25, 20, 15, 10, 5  
 D. 48, 39, 30, 21, 12, 3

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





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

**Answers**

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

37, 30, 23, 16, 9, 2

- A. 26, 22, 18, 14, 10, 6
- B. 43, 36, 29, 22, 15, 8
- C. 48, 40, 32, 24, 16, 8
- D. 37, 31, 25, 19, 13, 7

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

5, 15, 25, 35, 45, 55

- A. 1, 11, 21, 31, 41, 51
- B. 5, 13, 21, 29, 37, 45
- C. 8, 13, 18, 23, 28, 33
- D. 2, 5, 8, 11, 14, 17

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

1, 9, 17, 25, 33, 41

- A. 4, 13, 22, 31, 40, 49
- B. 5, 7, 9, 11, 13, 15
- C. 2, 7, 12, 17, 22, 27
- D. 2, 10, 18, 26, 34, 42

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

27, 23, 19, 15, 11, 7

- A. 24, 20, 16, 12, 8, 4
- B. 41, 34, 27, 20, 13, 6
- C. 20, 17, 14, 11, 8, 5
- D. 47, 39, 31, 23, 15, 7

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

2, 8, 14, 20, 26, 32

- A. 4, 6, 8, 10, 12, 14
- B. 3, 9, 15, 21, 27, 33
- C. 8, 16, 24, 32, 40, 48
- D. 7, 10, 13, 16, 19, 22

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

53, 44, 35, 26, 17, 8

- A. 40, 34, 28, 22, 16, 10
- B. 54, 45, 36, 27, 18, 9
- C. 29, 25, 21, 17, 13, 9
- D. 11, 9, 7, 5, 3, 1

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

39, 32, 25, 18, 11, 4

- A. 45, 38, 31, 24, 17, 10
- B. 27, 23, 19, 15, 11, 7
- C. 17, 15, 13, 11, 9, 7
- D. 44, 36, 28, 20, 12, 4

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

39, 32, 25, 18, 11, 4

- A. 38, 31, 24, 17, 10, 3
- B. 25, 22, 19, 16, 13, 10
- C. 13, 11, 9, 7, 5, 3
- D. 30, 26, 22, 18, 14, 10

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

49, 41, 33, 25, 17, 9

- A. 24, 21, 18, 15, 12, 9
- B. 44, 36, 28, 20, 12, 4
- C. 55, 45, 35, 25, 15, 5
- D. 27, 23, 19, 15, 11, 7

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

1, 6, 11, 16, 21, 26

- A. 7, 12, 17, 22, 27, 32
- B. 3, 5, 7, 9, 11, 13
- C. 5, 15, 25, 35, 45, 55
- D. 8, 17, 26, 35, 44, 53

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



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

**Answers**

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

37, 30, 23, 16, 9, 2

- A. 26, 22, 18, 14, 10, 6
- B. 43, 36, 29, 22, 15, 8
- C. 48, 40, 32, 24, 16, 8
- D. 37, 31, 25, 19, 13, 7

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

5, 15, 25, 35, 45, 55

- A. 1, 11, 21, 31, 41, 51
- B. 5, 13, 21, 29, 37, 45
- C. 8, 13, 18, 23, 28, 33
- D. 2, 5, 8, 11, 14, 17

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

1, 9, 17, 25, 33, 41

- A. 4, 13, 22, 31, 40, 49
- B. 5, 7, 9, 11, 13, 15
- C. 2, 7, 12, 17, 22, 27
- D. 2, 10, 18, 26, 34, 42

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

27, 23, 19, 15, 11, 7

- A. 24, 20, 16, 12, 8, 4
- B. 41, 34, 27, 20, 13, 6
- C. 20, 17, 14, 11, 8, 5
- D. 47, 39, 31, 23, 15, 7

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

2, 8, 14, 20, 26, 32

- A. 4, 6, 8, 10, 12, 14
- B. 3, 9, 15, 21, 27, 33
- C. 8, 16, 24, 32, 40, 48
- D. 7, 10, 13, 16, 19, 22

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

53, 44, 35, 26, 17, 8

- A. 40, 34, 28, 22, 16, 10
- B. 54, 45, 36, 27, 18, 9
- C. 29, 25, 21, 17, 13, 9
- D. 11, 9, 7, 5, 3, 1

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

39, 32, 25, 18, 11, 4

- A. 45, 38, 31, 24, 17, 10
- B. 27, 23, 19, 15, 11, 7
- C. 17, 15, 13, 11, 9, 7
- D. 44, 36, 28, 20, 12, 4

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

39, 32, 25, 18, 11, 4

- A. 38, 31, 24, 17, 10, 3
- B. 25, 22, 19, 16, 13, 10
- C. 13, 11, 9, 7, 5, 3
- D. 30, 26, 22, 18, 14, 10

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

49, 41, 33, 25, 17, 9

- A. 24, 21, 18, 15, 12, 9
- B. 44, 36, 28, 20, 12, 4
- C. 55, 45, 35, 25, 15, 5
- D. 27, 23, 19, 15, 11, 7

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

1, 6, 11, 16, 21, 26

- A. 7, 12, 17, 22, 27, 32
- B. 3, 5, 7, 9, 11, 13
- C. 5, 15, 25, 35, 45, 55
- D. 8, 17, 26, 35, 44, 53

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



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

**Answers**

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

5, 12, 19, 26, 33, 40

- A. 9, 11, 13, 15, 17, 19
- B. 9, 13, 17, 21, 25, 29
- C. 3, 6, 9, 12, 15, 18
- D. 6, 13, 20, 27, 34, 41

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

43, 35, 27, 19, 11, 3

- A. 22, 19, 16, 13, 10, 7
- B. 27, 23, 19, 15, 11, 7
- C. 45, 38, 31, 24, 17, 10
- D. 45, 37, 29, 21, 13, 5

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

3, 7, 11, 15, 19, 23

- A. 5, 9, 13, 17, 21, 25
- B. 10, 17, 24, 31, 38, 45
- C. 8, 13, 18, 23, 28, 33
- D. 5, 13, 21, 29, 37, 45

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

3, 13, 23, 33, 43, 53

- A. 5, 14, 23, 32, 41, 50
- B. 5, 10, 15, 20, 25, 30
- C. 4, 14, 24, 34, 44, 54
- D. 4, 7, 10, 13, 16, 19

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

3, 11, 19, 27, 35, 43

- A. 3, 6, 9, 12, 15, 18
- B. 1, 3, 5, 7, 9, 11
- C. 6, 10, 14, 18, 22, 26
- D. 1, 9, 17, 25, 33, 41

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

2, 6, 10, 14, 18, 22

- A. 7, 11, 15, 19, 23, 27
- B. 3, 9, 15, 21, 27, 33
- C. 7, 15, 23, 31, 39, 47
- D. 10, 13, 16, 19, 22, 25

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

22, 19, 16, 13, 10, 7

- A. 19, 16, 13, 10, 7, 4
- B. 38, 32, 26, 20, 14, 8
- C. 35, 30, 25, 20, 15, 10
- D. 28, 24, 20, 16, 12, 8

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

21, 17, 13, 9, 5, 1

- A. 60, 50, 40, 30, 20, 10
- B. 28, 24, 20, 16, 12, 8
- C. 26, 21, 16, 11, 6, 1
- D. 38, 32, 26, 20, 14, 8

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

1, 11, 21, 31, 41, 51

- A. 7, 17, 27, 37, 47, 57
- B. 4, 13, 22, 31, 40, 49
- C. 4, 6, 8, 10, 12, 14
- D. 7, 13, 19, 25, 31, 37

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

3, 12, 21, 30, 39, 48

- A. 6, 15, 24, 33, 42, 51
- B. 7, 17, 27, 37, 47, 57
- C. 10, 15, 20, 25, 30, 35
- D. 3, 5, 7, 9, 11, 13

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



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

**Answers**

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

5, 12, 19, 26, 33, 40

- A. 9, 11, 13, 15, 17, 19
- B. 9, 13, 17, 21, 25, 29
- C. 3, 6, 9, 12, 15, 18
- D. 6, 13, 20, 27, 34, 41

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

43, 35, 27, 19, 11, 3

- A. 22, 19, 16, 13, 10, 7
- B. 27, 23, 19, 15, 11, 7
- C. 45, 38, 31, 24, 17, 10
- D. 45, 37, 29, 21, 13, 5

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

3, 7, 11, 15, 19, 23

- A. 5, 9, 13, 17, 21, 25
- B. 10, 17, 24, 31, 38, 45
- C. 8, 13, 18, 23, 28, 33
- D. 5, 13, 21, 29, 37, 45

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

3, 13, 23, 33, 43, 53

- A. 5, 14, 23, 32, 41, 50
- B. 5, 10, 15, 20, 25, 30
- C. 4, 14, 24, 34, 44, 54
- D. 4, 7, 10, 13, 16, 19

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

3, 11, 19, 27, 35, 43

- A. 3, 6, 9, 12, 15, 18
- B. 1, 3, 5, 7, 9, 11
- C. 6, 10, 14, 18, 22, 26
- D. 1, 9, 17, 25, 33, 41

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

2, 6, 10, 14, 18, 22

- A. 7, 11, 15, 19, 23, 27
- B. 3, 9, 15, 21, 27, 33
- C. 7, 15, 23, 31, 39, 47
- D. 10, 13, 16, 19, 22, 25

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

22, 19, 16, 13, 10, 7

- A. 19, 16, 13, 10, 7, 4
- B. 38, 32, 26, 20, 14, 8
- C. 35, 30, 25, 20, 15, 10
- D. 28, 24, 20, 16, 12, 8

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

21, 17, 13, 9, 5, 1

- A. 60, 50, 40, 30, 20, 10
- B. 28, 24, 20, 16, 12, 8
- C. 26, 21, 16, 11, 6, 1
- D. 38, 32, 26, 20, 14, 8

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

1, 11, 21, 31, 41, 51

- A. 7, 17, 27, 37, 47, 57
- B. 4, 13, 22, 31, 40, 49
- C. 4, 6, 8, 10, 12, 14
- D. 7, 13, 19, 25, 31, 37

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

3, 12, 21, 30, 39, 48

- A. 6, 15, 24, 33, 42, 51
- B. 7, 17, 27, 37, 47, 57
- C. 10, 15, 20, 25, 30, 35
- D. 3, 5, 7, 9, 11, 13

1. **D**

2. **D**

3. **A**

4. **C**

5. **D**

6. **A**

7. **A**

8. **B**

9. **A**

10. **A**