



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

Answers

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

42, 32, 22, 12, 2

- A. 47, 37, 27, 17, 7
- B. 29, 22, 15, 8, 1
- C. 11, 9, 7, 5, 3
- D. 39, 30, 21, 12, 3

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

5, 12, 19, 26, 33

- A. 9, 18, 27, 36, 45
- B. 6, 15, 24, 33, 42
- C. 9, 16, 23, 30, 37
- D. 9, 14, 19, 24, 29

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

7, 17, 27, 37, 47

- A. 9, 12, 15, 18, 21
- B. 5, 15, 25, 35, 45
- C. 4, 12, 20, 28, 36
- D. 4, 10, 16, 22, 28

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

32, 25, 18, 11, 4

- A. 37, 28, 19, 10, 1
- B. 36, 29, 22, 15, 8
- C. 43, 34, 25, 16, 7
- D. 13, 10, 7, 4, 1

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

9, 16, 23, 30, 37

- A. 6, 16, 26, 36, 46
- B. 8, 10, 12, 14, 16
- C. 4, 11, 18, 25, 32
- D. 7, 16, 25, 34, 43

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

8, 18, 28, 38, 48

- A. 7, 17, 27, 37, 47
- B. 4, 12, 20, 28, 36
- C. 7, 15, 23, 31, 39
- D. 5, 11, 17, 23, 29

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

13, 10, 7, 4, 1

- A. 16, 14, 12, 10, 8
- B. 21, 18, 15, 12, 9
- C. 26, 21, 16, 11, 6
- D. 14, 12, 10, 8, 6

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

30, 25, 20, 15, 10

- A. 28, 23, 18, 13, 8
- B. 47, 37, 27, 17, 7
- C. 35, 28, 21, 14, 7
- D. 31, 25, 19, 13, 7

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

4, 13, 22, 31, 40

- A. 6, 16, 26, 36, 46
- B. 9, 16, 23, 30, 37
- C. 3, 7, 11, 15, 19
- D. 7, 16, 25, 34, 43

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

5, 11, 17, 23, 29

- A. 7, 9, 11, 13, 15
- B. 4, 11, 18, 25, 32
- C. 9, 11, 13, 15, 17
- D. 1, 7, 13, 19, 25

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



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

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

42, 32, 22, 12, 2

- A. 47, 37, 27, 17, 7
- B. 29, 22, 15, 8, 1
- C. 11, 9, 7, 5, 3
- D. 39, 30, 21, 12, 3

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

5, 12, 19, 26, 33

- A. 9, 18, 27, 36, 45
- B. 6, 15, 24, 33, 42
- C. 9, 16, 23, 30, 37
- D. 9, 14, 19, 24, 29

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

7, 17, 27, 37, 47

- A. 9, 12, 15, 18, 21
- B. 5, 15, 25, 35, 45
- C. 4, 12, 20, 28, 36
- D. 4, 10, 16, 22, 28

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

32, 25, 18, 11, 4

- A. 37, 28, 19, 10, 1
- B. 36, 29, 22, 15, 8
- C. 43, 34, 25, 16, 7
- D. 13, 10, 7, 4, 1

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

9, 16, 23, 30, 37

- A. 6, 16, 26, 36, 46
- B. 8, 10, 12, 14, 16
- C. 4, 11, 18, 25, 32
- D. 7, 16, 25, 34, 43

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

8, 18, 28, 38, 48

- A. 7, 17, 27, 37, 47
- B. 4, 12, 20, 28, 36
- C. 7, 15, 23, 31, 39
- D. 5, 11, 17, 23, 29

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

13, 10, 7, 4, 1

- A. 16, 14, 12, 10, 8
- B. 21, 18, 15, 12, 9
- C. 26, 21, 16, 11, 6
- D. 14, 12, 10, 8, 6

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

30, 25, 20, 15, 10

- A. 28, 23, 18, 13, 8
- B. 47, 37, 27, 17, 7
- C. 35, 28, 21, 14, 7
- D. 31, 25, 19, 13, 7

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

4, 13, 22, 31, 40

- A. 6, 16, 26, 36, 46
- B. 9, 16, 23, 30, 37
- C. 3, 7, 11, 15, 19
- D. 7, 16, 25, 34, 43

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

5, 11, 17, 23, 29

- A. 7, 9, 11, 13, 15
- B. 4, 11, 18, 25, 32
- C. 9, 11, 13, 15, 17
- D. 1, 7, 13, 19, 25

Answers

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



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

Answers

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

21, 16, 11, 6, 1

- A. 33, 27, 21, 15, 9
- B. 36, 28, 20, 12, 4
- C. 28, 23, 18, 13, 8
- D. 46, 36, 26, 16, 6

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

12, 10, 8, 6, 4

- A. 43, 33, 23, 13, 3
- B. 45, 35, 25, 15, 5
- C. 13, 11, 9, 7, 5
- D. 34, 27, 20, 13, 6

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

3, 13, 23, 33, 43

- A. 1, 4, 7, 10, 13
- B. 6, 15, 24, 33, 42
- C. 1, 11, 21, 31, 41
- D. 1, 5, 9, 13, 17

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

1, 10, 19, 28, 37

- A. 4, 13, 22, 31, 40
- B. 6, 9, 12, 15, 18
- C. 2, 9, 16, 23, 30
- D. 7, 9, 11, 13, 15

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

11, 9, 7, 5, 3

- A. 34, 28, 22, 16, 10
- B. 25, 19, 13, 7, 1
- C. 18, 16, 14, 12, 10
- D. 38, 31, 24, 17, 10

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

43, 33, 23, 13, 3

- A. 34, 26, 18, 10, 2
- B. 32, 26, 20, 14, 8
- C. 38, 29, 20, 11, 2
- D. 45, 35, 25, 15, 5

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

23, 19, 15, 11, 7

- A. 15, 12, 9, 6, 3
- B. 29, 24, 19, 14, 9
- C. 46, 37, 28, 19, 10
- D. 20, 16, 12, 8, 4

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

6, 10, 14, 18, 22

- A. 7, 12, 17, 22, 27
- B. 7, 9, 11, 13, 15
- C. 10, 17, 24, 31, 38
- D. 3, 7, 11, 15, 19

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

4, 9, 14, 19, 24

- A. 7, 12, 17, 22, 27
- B. 6, 8, 10, 12, 14
- C. 8, 17, 26, 35, 44
- D. 9, 16, 23, 30, 37

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

5, 10, 15, 20, 25

- A. 2, 7, 12, 17, 22
- B. 2, 9, 16, 23, 30
- C. 6, 12, 18, 24, 30
- D. 9, 17, 25, 33, 41

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



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

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

21, 16, 11, 6, 1

- A. 33, 27, 21, 15, 9
- B. 36, 28, 20, 12, 4
- C. 28, 23, 18, 13, 8
- D. 46, 36, 26, 16, 6

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

12, 10, 8, 6, 4

- A. 43, 33, 23, 13, 3
- B. 45, 35, 25, 15, 5
- C. 13, 11, 9, 7, 5
- D. 34, 27, 20, 13, 6

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

3, 13, 23, 33, 43

- A. 1, 4, 7, 10, 13
- B. 6, 15, 24, 33, 42
- C. 1, 11, 21, 31, 41
- D. 1, 5, 9, 13, 17

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

1, 10, 19, 28, 37

- A. 4, 13, 22, 31, 40
- B. 6, 9, 12, 15, 18
- C. 2, 9, 16, 23, 30
- D. 7, 9, 11, 13, 15

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

11, 9, 7, 5, 3

- A. 34, 28, 22, 16, 10
- B. 25, 19, 13, 7, 1
- C. 18, 16, 14, 12, 10
- D. 38, 31, 24, 17, 10

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

43, 33, 23, 13, 3

- A. 34, 26, 18, 10, 2
- B. 32, 26, 20, 14, 8
- C. 38, 29, 20, 11, 2
- D. 45, 35, 25, 15, 5

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

23, 19, 15, 11, 7

- A. 15, 12, 9, 6, 3
- B. 29, 24, 19, 14, 9
- C. 46, 37, 28, 19, 10
- D. 20, 16, 12, 8, 4

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

6, 10, 14, 18, 22

- A. 7, 12, 17, 22, 27
- B. 7, 9, 11, 13, 15
- C. 10, 17, 24, 31, 38
- D. 3, 7, 11, 15, 19

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

4, 9, 14, 19, 24

- A. 7, 12, 17, 22, 27
- B. 6, 8, 10, 12, 14
- C. 8, 17, 26, 35, 44
- D. 9, 16, 23, 30, 37

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

5, 10, 15, 20, 25

- A. 2, 7, 12, 17, 22
- B. 2, 9, 16, 23, 30
- C. 6, 12, 18, 24, 30
- D. 9, 17, 25, 33, 41

Answers

- 1. C
- 2. C
- 3. C
- 4. A
- 5. C
- 6. D
- 7. D
- 8. D
- 9. A
- 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?

36, 29, 22, 15, 8

- A. 22, 19, 16, 13, 10
- B. 47, 37, 27, 17, 7
- C. 34, 27, 20, 13, 6
- D. 42, 34, 26, 18, 10

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

8, 16, 24, 32, 40

- A. 10, 18, 26, 34, 42
- B. 1, 4, 7, 10, 13
- C. 9, 19, 29, 39, 49
- D. 7, 17, 27, 37, 47

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

7, 9, 11, 13, 15

- A. 2, 7, 12, 17, 22
- B. 6, 10, 14, 18, 22
- C. 3, 5, 7, 9, 11
- D. 4, 9, 14, 19, 24

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

9, 11, 13, 15, 17

- A. 8, 17, 26, 35, 44
- B. 4, 6, 8, 10, 12
- C. 6, 9, 12, 15, 18
- D. 2, 10, 18, 26, 34

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

40, 31, 22, 13, 4

- A. 43, 34, 25, 16, 7
- B. 34, 28, 22, 16, 10
- C. 33, 27, 21, 15, 9
- D. 29, 24, 19, 14, 9

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

19, 16, 13, 10, 7

- A. 22, 19, 16, 13, 10
- B. 41, 33, 25, 17, 9
- C. 36, 28, 20, 12, 4
- D. 22, 18, 14, 10, 6

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

7, 11, 15, 19, 23

- A. 6, 13, 20, 27, 34
- B. 4, 7, 10, 13, 16
- C. 6, 10, 14, 18, 22
- D. 1, 9, 17, 25, 33

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

33, 27, 21, 15, 9

- A. 33, 25, 17, 9, 1
- B. 14, 11, 8, 5, 2
- C. 30, 24, 18, 12, 6
- D. 48, 38, 28, 18, 8

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

38, 29, 20, 11, 2

- A. 47, 37, 27, 17, 7
- B. 33, 25, 17, 9, 1
- C. 25, 20, 15, 10, 5
- D. 37, 28, 19, 10, 1

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

5, 10, 15, 20, 25

- A. 1, 3, 5, 7, 9
- B. 4, 9, 14, 19, 24
- C. 3, 13, 23, 33, 43
- D. 2, 6, 10, 14, 18

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



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

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

36, 29, 22, 15, 8

- A. 22, 19, 16, 13, 10
- B. 47, 37, 27, 17, 7
- C. 34, 27, 20, 13, 6
- D. 42, 34, 26, 18, 10

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

8, 16, 24, 32, 40

- A. 10, 18, 26, 34, 42
- B. 1, 4, 7, 10, 13
- C. 9, 19, 29, 39, 49
- D. 7, 17, 27, 37, 47

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

7, 9, 11, 13, 15

- A. 2, 7, 12, 17, 22
- B. 6, 10, 14, 18, 22
- C. 3, 5, 7, 9, 11
- D. 4, 9, 14, 19, 24

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

9, 11, 13, 15, 17

- A. 8, 17, 26, 35, 44
- B. 4, 6, 8, 10, 12
- C. 6, 9, 12, 15, 18
- D. 2, 10, 18, 26, 34

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

40, 31, 22, 13, 4

- A. 43, 34, 25, 16, 7
- B. 34, 28, 22, 16, 10
- C. 33, 27, 21, 15, 9
- D. 29, 24, 19, 14, 9

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

19, 16, 13, 10, 7

- A. 22, 19, 16, 13, 10
- B. 41, 33, 25, 17, 9
- C. 36, 28, 20, 12, 4
- D. 22, 18, 14, 10, 6

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

7, 11, 15, 19, 23

- A. 6, 13, 20, 27, 34
- B. 4, 7, 10, 13, 16
- C. 6, 10, 14, 18, 22
- D. 1, 9, 17, 25, 33

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

33, 27, 21, 15, 9

- A. 33, 25, 17, 9, 1
- B. 14, 11, 8, 5, 2
- C. 30, 24, 18, 12, 6
- D. 48, 38, 28, 18, 8

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

38, 29, 20, 11, 2

- A. 47, 37, 27, 17, 7
- B. 33, 25, 17, 9, 1
- C. 25, 20, 15, 10, 5
- D. 37, 28, 19, 10, 1

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

5, 10, 15, 20, 25

- A. 1, 3, 5, 7, 9
- B. 4, 9, 14, 19, 24
- C. 3, 13, 23, 33, 43
- D. 2, 6, 10, 14, 18

Answers

- 1. **C**
- 2. **A**
- 3. **C**
- 4. **B**
- 5. **A**
- 6. **A**
- 7. **C**
- 8. **C**
- 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?

41, 32, 23, 14, 5

- A. 42, 32, 22, 12, 2
- B. 19, 15, 11, 7, 3
- C. 19, 16, 13, 10, 7
- D. 43, 34, 25, 16, 7

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

2, 4, 6, 8, 10

- A. 10, 12, 14, 16, 18
- B. 5, 14, 23, 32, 41
- C. 7, 15, 23, 31, 39
- D. 7, 12, 17, 22, 27

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

41, 32, 23, 14, 5, 25, 21, 17, 13, 9

- A. 29, 23, 17, 11, 5
- B. 14, 11, 8, 5, 2
- C. 26, 22, 18, 14, 10
- D. 39, 30, 21, 12, 3

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

6, 8, 10, 12, 14

- A. 3, 7, 11, 15, 19
- B. 9, 15, 21, 27, 33
- C. 1, 3, 5, 7, 9
- D. 5, 12, 19, 26, 33

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

7, 10, 13, 16, 19

- A. 9, 15, 21, 27, 33
- B. 8, 12, 16, 20, 24
- C. 1, 4, 7, 10, 13
- D. 2, 8, 14, 20, 26

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

5, 11, 17, 23, 29

- A. 10, 20, 30, 40, 50
- B. 4, 9, 14, 19, 24
- C. 2, 8, 14, 20, 26
- D. 3, 13, 23, 33, 43

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

37, 28, 19, 10, 1

- A. 39, 30, 21, 12, 3
- B. 20, 17, 14, 11, 8
- C. 38, 31, 24, 17, 10
- D. 42, 34, 26, 18, 10

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

5, 8, 11, 14, 17

- A. 3, 7, 11, 15, 19
- B. 1, 3, 5, 7, 9
- C. 2, 5, 8, 11, 14
- D. 2, 7, 12, 17, 22

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

41, 31, 21, 11, 1

- A. 26, 20, 14, 8, 2
- B. 43, 34, 25, 16, 7
- C. 12, 10, 8, 6, 4
- D. 49, 39, 29, 19, 9

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

4, 14, 24, 34, 44

- A. 1, 6, 11, 16, 21
- B. 10, 20, 30, 40, 50
- C. 6, 15, 24, 33, 42
- D. 7, 16, 25, 34, 43

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



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

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

41, 32, 23, 14, 5

- A. 42, 32, 22, 12, 2
- B. 19, 15, 11, 7, 3
- C. 19, 16, 13, 10, 7
- D. 43, 34, 25, 16, 7

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

2, 4, 6, 8, 10

- A. 10, 12, 14, 16, 18
- B. 5, 14, 23, 32, 41
- C. 7, 15, 23, 31, 39
- D. 7, 12, 17, 22, 27

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

41, 32, 23, 14, 5, 25, 21, 17, 13, 9

- A. 29, 23, 17, 11, 5
- B. 14, 11, 8, 5, 2
- C. 26, 22, 18, 14, 10
- D. 39, 30, 21, 12, 3

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

6, 8, 10, 12, 14

- A. 3, 7, 11, 15, 19
- B. 9, 15, 21, 27, 33
- C. 1, 3, 5, 7, 9
- D. 5, 12, 19, 26, 33

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

7, 10, 13, 16, 19

- A. 9, 15, 21, 27, 33
- B. 8, 12, 16, 20, 24
- C. 1, 4, 7, 10, 13
- D. 2, 8, 14, 20, 26

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

5, 11, 17, 23, 29

- A. 10, 20, 30, 40, 50
- B. 4, 9, 14, 19, 24
- C. 2, 8, 14, 20, 26
- D. 3, 13, 23, 33, 43

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

37, 28, 19, 10, 1

- A. 39, 30, 21, 12, 3
- B. 20, 17, 14, 11, 8
- C. 38, 31, 24, 17, 10
- D. 42, 34, 26, 18, 10

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

5, 8, 11, 14, 17

- A. 3, 7, 11, 15, 19
- B. 1, 3, 5, 7, 9
- C. 2, 5, 8, 11, 14
- D. 2, 7, 12, 17, 22

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

41, 31, 21, 11, 1

- A. 26, 20, 14, 8, 2
- B. 43, 34, 25, 16, 7
- C. 12, 10, 8, 6, 4
- D. 49, 39, 29, 19, 9

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

4, 14, 24, 34, 44

- A. 1, 6, 11, 16, 21
- B. 10, 20, 30, 40, 50
- C. 6, 15, 24, 33, 42
- D. 7, 16, 25, 34, 43

Answers

- 1. D
- 2. A
- 3. C
- 4. C
- 5. C
- 6. C
- 7. A
- 8. C
- 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?

23, 18, 13, 8, 3

- A. 14, 12, 10, 8, 6
- B. 33, 27, 21, 15, 9
- C. 27, 22, 17, 12, 7
- D. 42, 34, 26, 18, 10

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

46, 36, 26, 16, 6

- A. 27, 21, 15, 9, 3
- B. 15, 13, 11, 9, 7
- C. 30, 23, 16, 9, 2
- D. 41, 31, 21, 11, 1

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

39, 30, 21, 12, 3

- A. 42, 32, 22, 12, 2
- B. 44, 35, 26, 17, 8
- C. 18, 16, 14, 12, 10
- D. 20, 16, 12, 8, 4

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

8, 17, 26, 35, 44

- A. 6, 8, 10, 12, 14
- B. 10, 18, 26, 34, 42
- C. 10, 15, 20, 25, 30
- D. 10, 19, 28, 37, 46

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

2, 11, 20, 29, 38

- A. 5, 12, 19, 26, 33
- B. 10, 13, 16, 19, 22
- C. 4, 13, 22, 31, 40
- D. 6, 11, 16, 21, 26

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

1, 8, 15, 22, 29

- A. 8, 12, 16, 20, 24
- B. 2, 9, 16, 23, 30
- C. 4, 8, 12, 16, 20
- D. 10, 14, 18, 22, 26

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

38, 29, 20, 11, 2

- A. 32, 26, 20, 14, 8
- B. 40, 31, 22, 13, 4
- C. 35, 28, 21, 14, 7
- D. 16, 13, 10, 7, 4

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

3, 11, 19, 27, 35

- A. 10, 20, 30, 40, 50
- B. 1, 5, 9, 13, 17
- C. 9, 13, 17, 21, 25
- D. 8, 16, 24, 32, 40

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

10, 15, 20, 25, 30

- A. 6, 10, 14, 18, 22
- B. 6, 8, 10, 12, 14
- C. 3, 7, 11, 15, 19
- D. 3, 8, 13, 18, 23

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

27, 21, 15, 9, 3

- A. 16, 13, 10, 7, 4
- B. 17, 15, 13, 11, 9
- C. 30, 24, 18, 12, 6
- D. 18, 16, 14, 12, 10

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



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

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

23, 18, 13, 8, 3

- A. 14, 12, 10, 8, 6
- B. 33, 27, 21, 15, 9
- C. 27, 22, 17, 12, 7
- D. 42, 34, 26, 18, 10

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

46, 36, 26, 16, 6

- A. 27, 21, 15, 9, 3
- B. 15, 13, 11, 9, 7
- C. 30, 23, 16, 9, 2
- D. 41, 31, 21, 11, 1

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

39, 30, 21, 12, 3

- A. 42, 32, 22, 12, 2
- B. 44, 35, 26, 17, 8
- C. 18, 16, 14, 12, 10
- D. 20, 16, 12, 8, 4

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

8, 17, 26, 35, 44

- A. 6, 8, 10, 12, 14
- B. 10, 18, 26, 34, 42
- C. 10, 15, 20, 25, 30
- D. 10, 19, 28, 37, 46

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

2, 11, 20, 29, 38

- A. 5, 12, 19, 26, 33
- B. 10, 13, 16, 19, 22
- C. 4, 13, 22, 31, 40
- D. 6, 11, 16, 21, 26

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

1, 8, 15, 22, 29

- A. 8, 12, 16, 20, 24
- B. 2, 9, 16, 23, 30
- C. 4, 8, 12, 16, 20
- D. 10, 14, 18, 22, 26

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

38, 29, 20, 11, 2

- A. 32, 26, 20, 14, 8
- B. 40, 31, 22, 13, 4
- C. 35, 28, 21, 14, 7
- D. 16, 13, 10, 7, 4

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

3, 11, 19, 27, 35

- A. 10, 20, 30, 40, 50
- B. 1, 5, 9, 13, 17
- C. 9, 13, 17, 21, 25
- D. 8, 16, 24, 32, 40

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

10, 15, 20, 25, 30

- A. 6, 10, 14, 18, 22
- B. 6, 8, 10, 12, 14
- C. 3, 7, 11, 15, 19
- D. 3, 8, 13, 18, 23

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

27, 21, 15, 9, 3

- A. 16, 13, 10, 7, 4
- B. 17, 15, 13, 11, 9
- C. 30, 24, 18, 12, 6
- D. 18, 16, 14, 12, 10

Answers

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



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

Answers

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

13, 11, 9, 7, 5

- A. 10, 8, 6, 4, 2
- B. 43, 33, 23, 13, 3
- C. 47, 37, 27, 17, 7
- D. 13, 10, 7, 4, 1

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

9, 18, 27, 36, 45

- A. 3, 10, 17, 24, 31
- B. 10, 18, 26, 34, 42
- C. 6, 15, 24, 33, 42
- D. 5, 8, 11, 14, 17

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

43, 33, 23, 13, 3

- A. 47, 37, 27, 17, 7
- B. 25, 20, 15, 10, 5
- C. 17, 13, 9, 5, 1
- D. 18, 14, 10, 6, 2

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

30, 23, 16, 9, 2

- A. 38, 30, 22, 14, 6
- B. 38, 31, 24, 17, 10
- C. 21, 17, 13, 9, 5
- D. 15, 12, 9, 6, 3

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

7, 9, 11, 13, 15

- A. 2, 7, 12, 17, 22
- B. 9, 17, 25, 33, 41
- C. 2, 9, 16, 23, 30
- D. 10, 12, 14, 16, 18

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

31, 25, 19, 13, 7

- A. 42, 33, 24, 15, 6
- B. 19, 15, 11, 7, 3
- C. 41, 32, 23, 14, 5
- D. 28, 22, 16, 10, 4

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

4, 14, 24, 34, 44

- A. 9, 18, 27, 36, 45
- B. 7, 17, 27, 37, 47
- C. 5, 12, 19, 26, 33
- D. 6, 9, 12, 15, 18

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

36, 29, 22, 15, 8

- A. 23, 18, 13, 8, 3
- B. 19, 15, 11, 7, 3
- C. 15, 12, 9, 6, 3
- D. 33, 26, 19, 12, 5

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

6, 15, 24, 33, 42

- A. 3, 9, 15, 21, 27
- B. 7, 16, 25, 34, 43
- C. 5, 9, 13, 17, 21
- D. 2, 6, 10, 14, 18

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

41, 32, 23, 14, 5

- A. 23, 19, 15, 11, 7
- B. 45, 36, 27, 18, 9
- C. 41, 33, 25, 17, 9
- D. 13, 10, 7, 4, 1

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



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

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

13, 11, 9, 7, 5

- A. 10, 8, 6, 4, 2
- B. 43, 33, 23, 13, 3
- C. 47, 37, 27, 17, 7
- D. 13, 10, 7, 4, 1

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

9, 18, 27, 36, 45

- A. 3, 10, 17, 24, 31
- B. 10, 18, 26, 34, 42
- C. 6, 15, 24, 33, 42
- D. 5, 8, 11, 14, 17

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

43, 33, 23, 13, 3

- A. 47, 37, 27, 17, 7
- B. 25, 20, 15, 10, 5
- C. 17, 13, 9, 5, 1
- D. 18, 14, 10, 6, 2

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

30, 23, 16, 9, 2

- A. 38, 30, 22, 14, 6
- B. 38, 31, 24, 17, 10
- C. 21, 17, 13, 9, 5
- D. 15, 12, 9, 6, 3

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

7, 9, 11, 13, 15

- A. 2, 7, 12, 17, 22
- B. 9, 17, 25, 33, 41
- C. 2, 9, 16, 23, 30
- D. 10, 12, 14, 16, 18

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

31, 25, 19, 13, 7

- A. 42, 33, 24, 15, 6
- B. 19, 15, 11, 7, 3
- C. 41, 32, 23, 14, 5
- D. 28, 22, 16, 10, 4

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

4, 14, 24, 34, 44

- A. 9, 18, 27, 36, 45
- B. 7, 17, 27, 37, 47
- C. 5, 12, 19, 26, 33
- D. 6, 9, 12, 15, 18

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

36, 29, 22, 15, 8

- A. 23, 18, 13, 8, 3
- B. 19, 15, 11, 7, 3
- C. 15, 12, 9, 6, 3
- D. 33, 26, 19, 12, 5

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

6, 15, 24, 33, 42

- A. 3, 9, 15, 21, 27
- B. 7, 16, 25, 34, 43
- C. 5, 9, 13, 17, 21
- D. 2, 6, 10, 14, 18

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

41, 32, 23, 14, 5

- A. 23, 19, 15, 11, 7
- B. 45, 36, 27, 18, 9
- C. 41, 33, 25, 17, 9
- D. 13, 10, 7, 4, 1

Answers

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

25, 21, 17, 13, 9

- A. 22, 18, 14, 10, 6
- B. 43, 33, 23, 13, 3
- C. 42, 34, 26, 18, 10
- D. 28, 23, 18, 13, 8

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

24, 19, 14, 9, 4

- A. 18, 15, 12, 9, 6
- B. 29, 23, 17, 11, 5
- C. 25, 20, 15, 10, 5
- D. 13, 11, 9, 7, 5

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

39, 31, 23, 15, 7

- A. 29, 24, 19, 14, 9
- B. 38, 29, 20, 11, 2
- C. 40, 32, 24, 16, 8
- D. 11, 9, 7, 5, 3

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

22, 18, 14, 10, 6

- A. 48, 38, 28, 18, 8
- B. 39, 31, 23, 15, 7
- C. 26, 22, 18, 14, 10
- D. 24, 19, 14, 9, 4

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

1, 9, 17, 25, 33

- A. 3, 11, 19, 27, 35
- B. 7, 10, 13, 16, 19
- C. 4, 13, 22, 31, 40
- D. 8, 15, 22, 29, 36

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

34, 26, 18, 10, 2

- A. 33, 25, 17, 9, 1
- B. 13, 10, 7, 4, 1
- C. 21, 18, 15, 12, 9
- D. 19, 15, 11, 7, 3

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

1, 7, 13, 19, 25

- A. 4, 9, 14, 19, 24
- B. 5, 11, 17, 23, 29
- C. 9, 11, 13, 15, 17
- D. 9, 17, 25, 33, 41

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

23, 19, 15, 11, 7

- A. 15, 12, 9, 6, 3
- B. 41, 33, 25, 17, 9
- C. 33, 26, 19, 12, 5
- D. 25, 21, 17, 13, 9

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

36, 28, 20, 12, 4

- A. 33, 25, 17, 9, 1
- B. 23, 19, 15, 11, 7
- C. 19, 15, 11, 7, 3
- D. 48, 38, 28, 18, 8

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

1, 4, 7, 10, 13

- A. 6, 12, 18, 24, 30
- B. 7, 10, 13, 16, 19
- C. 7, 13, 19, 25, 31
- D. 3, 7, 11, 15, 19

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



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

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

25, 21, 17, 13, 9

- A. 22, 18, 14, 10, 6
- B. 43, 33, 23, 13, 3
- C. 42, 34, 26, 18, 10
- D. 28, 23, 18, 13, 8

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

24, 19, 14, 9, 4

- A. 18, 15, 12, 9, 6
- B. 29, 23, 17, 11, 5
- C. 25, 20, 15, 10, 5
- D. 13, 11, 9, 7, 5

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

39, 31, 23, 15, 7

- A. 29, 24, 19, 14, 9
- B. 38, 29, 20, 11, 2
- C. 40, 32, 24, 16, 8
- D. 11, 9, 7, 5, 3

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

22, 18, 14, 10, 6

- A. 48, 38, 28, 18, 8
- B. 39, 31, 23, 15, 7
- C. 26, 22, 18, 14, 10
- D. 24, 19, 14, 9, 4

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

1, 9, 17, 25, 33

- A. 3, 11, 19, 27, 35
- B. 7, 10, 13, 16, 19
- C. 4, 13, 22, 31, 40
- D. 8, 15, 22, 29, 36

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

34, 26, 18, 10, 2

- A. 33, 25, 17, 9, 1
- B. 13, 10, 7, 4, 1
- C. 21, 18, 15, 12, 9
- D. 19, 15, 11, 7, 3

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

1, 7, 13, 19, 25

- A. 4, 9, 14, 19, 24
- B. 5, 11, 17, 23, 29
- C. 9, 11, 13, 15, 17
- D. 9, 17, 25, 33, 41

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

23, 19, 15, 11, 7

- A. 15, 12, 9, 6, 3
- B. 41, 33, 25, 17, 9
- C. 33, 26, 19, 12, 5
- D. 25, 21, 17, 13, 9

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

36, 28, 20, 12, 4

- A. 33, 25, 17, 9, 1
- B. 23, 19, 15, 11, 7
- C. 19, 15, 11, 7, 3
- D. 48, 38, 28, 18, 8

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

1, 4, 7, 10, 13

- A. 6, 12, 18, 24, 30
- B. 7, 10, 13, 16, 19
- C. 7, 13, 19, 25, 31
- D. 3, 7, 11, 15, 19

Answers

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

35, 27, 19, 11, 3

- A. 46, 36, 26, 16, 6
- B. 30, 23, 16, 9, 2
- C. 40, 32, 24, 16, 8
- D. 48, 38, 28, 18, 8

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

7, 9, 11, 13, 15

- A. 8, 17, 26, 35, 44
- B. 10, 16, 22, 28, 34
- C. 3, 5, 7, 9, 11
- D. 4, 12, 20, 28, 36

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

34, 27, 20, 13, 6

- A. 16, 13, 10, 7, 4
- B. 24, 19, 14, 9, 4
- C. 18, 14, 10, 6, 2
- D. 36, 29, 22, 15, 8

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

14, 12, 10, 8, 6

- A. 13, 10, 7, 4, 1
- B. 18, 14, 10, 6, 2
- C. 12, 10, 8, 6, 4
- D. 28, 22, 16, 10, 4

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

9, 16, 23, 30, 37

- A. 7, 14, 21, 28, 35
- B. 10, 16, 22, 28, 34
- C. 1, 7, 13, 19, 25
- D. 3, 12, 21, 30, 39

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

30, 24, 18, 12, 6

- A. 28, 23, 18, 13, 8
- B. 37, 30, 23, 16, 9
- C. 35, 27, 19, 11, 3
- D. 25, 19, 13, 7, 1

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

6, 14, 22, 30, 38

- A. 4, 12, 20, 28, 36
- B. 3, 7, 11, 15, 19
- C. 1, 7, 13, 19, 25
- D. 5, 10, 15, 20, 25

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

8, 18, 28, 38, 48

- A. 9, 19, 29, 39, 49
- B. 4, 12, 20, 28, 36
- C. 4, 7, 10, 13, 16
- D. 6, 15, 24, 33, 42

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

1, 9, 17, 25, 33

- A. 6, 11, 16, 21, 26
- B. 4, 12, 20, 28, 36
- C. 7, 12, 17, 22, 27
- D. 2, 7, 12, 17, 22

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

4, 6, 8, 10, 12

- A. 10, 14, 18, 22, 26
- B. 6, 8, 10, 12, 14
- C. 8, 13, 18, 23, 28
- D. 1, 8, 15, 22, 29

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



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

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

35, 27, 19, 11, 3

- A. 46, 36, 26, 16, 6
- B. 30, 23, 16, 9, 2
- C. 40, 32, 24, 16, 8
- D. 48, 38, 28, 18, 8

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

7, 9, 11, 13, 15

- A. 8, 17, 26, 35, 44
- B. 10, 16, 22, 28, 34
- C. 3, 5, 7, 9, 11
- D. 4, 12, 20, 28, 36

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

34, 27, 20, 13, 6

- A. 16, 13, 10, 7, 4
- B. 24, 19, 14, 9, 4
- C. 18, 14, 10, 6, 2
- D. 36, 29, 22, 15, 8

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

14, 12, 10, 8, 6

- A. 13, 10, 7, 4, 1
- B. 18, 14, 10, 6, 2
- C. 12, 10, 8, 6, 4
- D. 28, 22, 16, 10, 4

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

9, 16, 23, 30, 37

- A. 7, 14, 21, 28, 35
- B. 10, 16, 22, 28, 34
- C. 1, 7, 13, 19, 25
- D. 3, 12, 21, 30, 39

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

30, 24, 18, 12, 6

- A. 28, 23, 18, 13, 8
- B. 37, 30, 23, 16, 9
- C. 35, 27, 19, 11, 3
- D. 25, 19, 13, 7, 1

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

6, 14, 22, 30, 38

- A. 4, 12, 20, 28, 36
- B. 3, 7, 11, 15, 19
- C. 1, 7, 13, 19, 25
- D. 5, 10, 15, 20, 25

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

8, 18, 28, 38, 48

- A. 9, 19, 29, 39, 49
- B. 4, 12, 20, 28, 36
- C. 4, 7, 10, 13, 16
- D. 6, 15, 24, 33, 42

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

1, 9, 17, 25, 33

- A. 6, 11, 16, 21, 26
- B. 4, 12, 20, 28, 36
- C. 7, 12, 17, 22, 27
- D. 2, 7, 12, 17, 22

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

4, 6, 8, 10, 12

- A. 10, 14, 18, 22, 26
- B. 6, 8, 10, 12, 14
- C. 8, 13, 18, 23, 28
- D. 1, 8, 15, 22, 29

Answers

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

4, 10, 16, 22, 28

- A. 10, 12, 14, 16, 18
- B. 8, 14, 20, 26, 32
- C. 2, 7, 12, 17, 22
- D. 8, 11, 14, 17, 20

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

30, 24, 18, 12, 6

- A. 25, 20, 15, 10, 5
- B. 19, 15, 11, 7, 3
- C. 26, 20, 14, 8, 2
- D. 38, 29, 20, 11, 2

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

21, 17, 13, 9, 5

- A. 42, 34, 26, 18, 10
- B. 14, 11, 8, 5, 2
- C. 19, 15, 11, 7, 3
- D. 40, 32, 24, 16, 8

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

38, 29, 20, 11, 2

- A. 41, 31, 21, 11, 1
- B. 43, 34, 25, 16, 7
- C. 41, 33, 25, 17, 9
- D. 18, 15, 12, 9, 6

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

35, 28, 21, 14, 7

- A. 37, 30, 23, 16, 9
- B. 18, 14, 10, 6, 2
- C. 13, 11, 9, 7, 5
- D. 32, 26, 20, 14, 8

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

1, 5, 9, 13, 17

- A. 7, 13, 19, 25, 31
- B. 2, 11, 20, 29, 38
- C. 10, 18, 26, 34, 42
- D. 8, 12, 16, 20, 24

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

2, 7, 12, 17, 22

- A. 10, 20, 30, 40, 50
- B. 6, 16, 26, 36, 46
- C. 5, 10, 15, 20, 25
- D. 7, 13, 19, 25, 31

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

29, 24, 19, 14, 9

- A. 28, 22, 16, 10, 4
- B. 35, 27, 19, 11, 3
- C. 28, 23, 18, 13, 8
- D. 18, 15, 12, 9, 6

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

8, 17, 26, 35, 44

- A. 2, 7, 12, 17, 22
- B. 2, 9, 16, 23, 30
- C. 6, 15, 24, 33, 42
- D. 6, 11, 16, 21, 26

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

13, 11, 9, 7, 5

- A. 32, 26, 20, 14, 8
- B. 10, 8, 6, 4, 2
- C. 24, 19, 14, 9, 4
- D. 23, 18, 13, 8, 3

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



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

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

Answers

- | | | |
|-----|----------|--|
| 1. | B | |
| 2. | C | |
| 3. | C | |
| 4. | B | |
| 5. | A | |
| 6. | D | |
| 7. | C | |
| 8. | C | |
| 9. | C | |
| 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?

33, 26, 19, 12, 5

- A. 27, 21, 15, 9, 3
- B. 30, 23, 16, 9, 2
- C. 10, 8, 6, 4, 2
- D. 18, 16, 14, 12, 10

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

9, 16, 23, 30, 37

- A. 6, 12, 18, 24, 30
- B. 6, 11, 16, 21, 26
- C. 4, 11, 18, 25, 32
- D. 5, 15, 25, 35, 45

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

5, 14, 23, 32, 41

- A. 6, 15, 24, 33, 42
- B. 7, 10, 13, 16, 19
- C. 4, 7, 10, 13, 16
- D. 6, 11, 16, 21, 26

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

36, 28, 20, 12, 4

- A. 34, 27, 20, 13, 6
- B. 29, 23, 17, 11, 5
- C. 34, 28, 22, 16, 10
- D. 40, 32, 24, 16, 8

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

35, 28, 21, 14, 7

- A. 32, 26, 20, 14, 8
- B. 11, 9, 7, 5, 3
- C. 13, 11, 9, 7, 5
- D. 33, 26, 19, 12, 5

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

24, 19, 14, 9, 4

- A. 45, 35, 25, 15, 5
- B. 18, 14, 10, 6, 2
- C. 28, 23, 18, 13, 8
- D. 19, 16, 13, 10, 7

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

1, 7, 13, 19, 25

- A. 4, 7, 10, 13, 16
- B. 3, 11, 19, 27, 35
- C. 3, 9, 15, 21, 27
- D. 6, 11, 16, 21, 26

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

8, 14, 20, 26, 32

- A. 5, 12, 19, 26, 33
- B. 9, 18, 27, 36, 45
- C. 10, 17, 24, 31, 38
- D. 6, 12, 18, 24, 30

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

16, 14, 12, 10, 8

- A. 50, 40, 30, 20, 10
- B. 11, 9, 7, 5, 3
- C. 38, 29, 20, 11, 2
- D. 14, 11, 8, 5, 2

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

4, 8, 12, 16, 20

- A. 9, 13, 17, 21, 25
- B. 7, 12, 17, 22, 27
- C. 6, 15, 24, 33, 42
- D. 8, 10, 12, 14, 16

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



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

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

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

4, 8, 12, 16, 20

- A. 9, 13, 17, 21, 25
- B. 7, 12, 17, 22, 27
- C. 6, 15, 24, 33, 42
- D. 8, 10, 12, 14, 16

Answers

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