

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

Answers

- 1) 5 , 25 , 125 , 625
 A. Add 3
 B. Divide 8
 C. Multiply 5
 D. Divide 8

- 2) 9 , 27 , 81 , 243
 A. Divide 2
 B. Multiply 3
 C. Divide 6
 D. Add 7

- 3) 3 , 5 , 7 , 9 , 11
 A. Add 2
 B. Multiply 8
 C. Subtract 9
 D. Add 6

- 4) 4 , 8 , 16 , 32 , 64
 A. Divide 4
 B. Multiply 8
 C. Divide 7
 D. Multiply 2

- 5) 8 , 14 , 20 , 26 , 32 , 38
 A. Add 6
 B. Multiply 8
 C. Subtract 7
 D. Multiply 8

- 6) 10 , 16 , 22 , 28 , 34 , 40 , 46 , 52
 A. Add 5
 B. Add 8
 C. Add 2
 D. Add 6

- 7) 36 , 30 , 24 , 18 , 12 , 6
 A. Add 5
 B. Subtract 4
 C. Subtract 6
 D. Add 10

- 8) 57 , 49 , 41 , 33 , 25 , 17 , 9
 A. Subtract 8
 B. Divide 2
 C. Subtract 2
 D. Subtract 8

- 9) 81 , 27 , 9 , 3
 A. Divide 5
 B. Divide 2
 C. Divide 3
 D. Subtract 9

- 10) 8 , 11 , 14 , 17 , 20
 A. Subtract 8
 B. Add 3
 C. Add 4
 D. Subtract 4

- 11) 72 , 36 , 18 , 9
 A. Subtract 4
 B. Divide 2
 C. Subtract 5
 D. Divide 3

- 12) 320 , 80 , 20 , 5
 A. Divide 6
 B. Divide 4
 C. Multiply 6
 D. Divide 10

Ex. C

1. _____

2. _____

3. _____

4. _____

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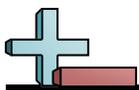
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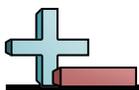


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A. Divide 2
B. Multiply 3
C. Divide 6
D. Add 7
- 3) 3 , 5 , 7 , 9 , 11
A. Add 2
B. Multiply 8
C. Subtract 9
D. Add 6
- 4) 4 , 8 , 16 , 32 , 64
A. Divide 4
B. Multiply 8
C. Divide 7
D. Multiply 2
- 5) 8 , 14 , 20 , 26 , 32 , 38
A. Add 6
B. Multiply 8
C. Subtract 7
D. Multiply 8
- 6) 10 , 16 , 22 , 28 , 34 , 40 , 46 , 52
A. Add 5
B. Add 8
C. Add 2
D. Add 6
- 7) 36 , 30 , 24 , 18 , 12 , 6
A. Add 5
B. Subtract 4
C. Subtract 6
D. Add 10
- 8) 57 , 49 , 41 , 33 , 25 , 17 , 9
A. Subtract 8
B. Divide 2
C. Subtract 2
D. Subtract 8
- 9) 81 , 27 , 9 , 3
A. Divide 5
B. Divide 2
C. Divide 3
D. Subtract 9
- 10) 8 , 11 , 14 , 17 , 20
A. Subtract 8
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C. Add 4
D. Subtract 4
- 11) 72 , 36 , 18 , 9
A. Subtract 4
B. Divide 2
C. Subtract 5
D. Divide 3
- 12) 320 , 80 , 20 , 5
A. Divide 6
B. Divide 4
C. Multiply 6
D. Divide 10

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



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

Answers

- 1) 768 , 192 , 48 , 12 , 3
 A. Divide 6
 B. Divide 6
 C. Divide 3
 D. Divide 4

- 2) 162 , 54 , 18 , 6
 A. Multiply 8
 B. Subtract 5
 C. Divide 3
 D. Divide 2

- 3) 128 , 64 , 32 , 16 , 8
 A. Multiply 8
 B. Divide 2
 C. Multiply 5
 D. Divide 10

- 4) 49 , 41 , 33 , 25 , 17 , 9
 A. Subtract 8
 B. Subtract 6
 C. Add 7
 D. Add 6

- 5) 9 , 16 , 23 , 30 , 37 , 44
 A. Subtract 3
 B. Multiply 9
 C. Add 7
 D. Subtract 5

- 6) 5000 , 1000 , 200 , 40 , 8
 A. Add 8
 B. Divide 5
 C. Subtract 8
 D. Divide 5

- 7) 6 , 30 , 150 , 750
 A. Multiply 5
 B. Subtract 10
 C. Divide 9
 D. Add 3

- 8) 8 , 40 , 200 , 1000
 A. Multiply 10
 B. Subtract 3
 C. Multiply 5
 D. Multiply 5

- 9) 5 , 15 , 45 , 135
 A. Multiply 3
 B. Multiply 6
 C. Divide 5
 D. Divide 10

- 10) 5 , 7 , 9 , 11 , 13 , 15
 A. Add 2
 B. Multiply 10
 C. Add 9
 D. Subtract 9

- 11) 9 , 19 , 29 , 39 , 49 , 59 , 69
 A. Add 5
 B. Multiply 6
 C. Add 10
 D. Add 9

- 12) 41 , 33 , 25 , 17 , 9
 A. Subtract 7
 B. Add 4
 C. Add 2
 D. Subtract 8

Ex. C

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

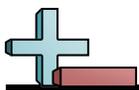
8. _____

9. _____

10. _____

11. _____

12. _____



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

Answers

- 1) 768 , 192 , 48 , 12 , 3
 A. Divide 6
 B. Divide 6
 C. Divide 3
 D. Divide 4

- 2) 162 , 54 , 18 , 6
 A. Multiply 8
 B. Subtract 5
 C. Divide 3
 D. Divide 2

- 3) 128 , 64 , 32 , 16 , 8
 A. Multiply 8
 B. Divide 2
 C. Multiply 5
 D. Divide 10

- 4) 49 , 41 , 33 , 25 , 17 , 9
 A. Subtract 8
 B. Subtract 6
 C. Add 7
 D. Add 6

- 5) 9 , 16 , 23 , 30 , 37 , 44
 A. Subtract 3
 B. Multiply 9
 C. Add 7
 D. Subtract 5

- 6) 5000 , 1000 , 200 , 40 , 8
 A. Add 8
 B. Divide 5
 C. Subtract 8
 D. Divide 5

- 7) 6 , 30 , 150 , 750
 A. Multiply 5
 B. Subtract 10
 C. Divide 9
 D. Add 3

- 8) 8 , 40 , 200 , 1000
 A. Multiply 10
 B. Subtract 3
 C. Multiply 5
 D. Multiply 5

- 9) 5 , 15 , 45 , 135
 A. Multiply 3
 B. Multiply 6
 C. Divide 5
 D. Divide 10

- 10) 5 , 7 , 9 , 11 , 13 , 15
 A. Add 2
 B. Multiply 10
 C. Add 9
 D. Subtract 9

- 11) 9 , 19 , 29 , 39 , 49 , 59 , 69
 A. Add 5
 B. Multiply 6
 C. Add 10
 D. Add 9

- 12) 41 , 33 , 25 , 17 , 9
 A. Subtract 7
 B. Add 4
 C. Add 2
 D. Subtract 8

Ex. C

1. D

2. C

3. B

4. A

5. C

6. B

7. A

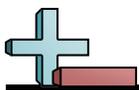
8. C

9. A

10. A

11. C

12. D



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

Answers

1) 9, 18, 27, 36, 45, 54, 63

- A. Subtract 5
- B. Add 2
- C. Multiply 7
- D. Add 9

2) 54, 18, 6, 2

- A. Divide 5
- B. Divide 3
- C. Subtract 3
- D. Subtract 8

3) 9, 18, 36, 72, 144

- A. Add 8
- B. Multiply 2
- C. Multiply 3
- D. Add 5

4) 6, 11, 16, 21, 26

- A. Multiply 4
- B. Add 3
- C. Add 5
- D. Subtract 3

5) 59, 52, 45, 38, 31, 24, 17, 10

- A. Subtract 4
- B. Divide 4
- C. Subtract 7
- D. Subtract 9

6) 9, 36, 144, 576

- A. Multiply 4
- B. Multiply 10
- C. Divide 7
- D. Add 5

7) 80, 40, 20, 10, 5

- A. Divide 2
- B. Divide 6
- C. Multiply 7
- D. Add 4

8) 8, 14, 20, 26, 32, 38, 44, 50

- A. Add 2
- B. Subtract 10
- C. Add 6
- D. Multiply 6

9) 78, 68, 58, 48, 38, 28, 18, 8

- A. Subtract 2
- B. Subtract 10
- C. Divide 10
- D. Add 8

10) 18, 15, 12, 9, 6, 3

- A. Subtract 3
- B. Divide 2
- C. Subtract 8
- D. Add 5

11) 6, 18, 54, 162, 486

- A. Multiply 8
- B. Divide 10
- C. Multiply 3
- D. Add 3

12) 2, 6, 18, 54

- A. Divide 3
- B. Multiply 9
- C. Multiply 9
- D. Multiply 3

Ex. A

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

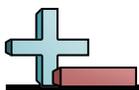
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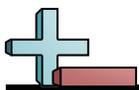


Determine which choice best describes the rule the pattern is using.

Answers

- | | |
|--|--|
| <p>1) 9, 18, 27, 36, 45, 54, 63
A. Subtract 5
B. Add 2
C. Multiply 7
D. Add 9</p> | <p>2) 54, 18, 6, 2
A. Divide 5
B. Divide 3
C. Subtract 3
D. Subtract 8</p> |
| <p>3) 9, 18, 36, 72, 144
A. Add 8
B. Multiply 2
C. Multiply 3
D. Add 5</p> | <p>4) 6, 11, 16, 21, 26
A. Multiply 4
B. Add 3
C. Add 5
D. Subtract 3</p> |
| <p>5) 59, 52, 45, 38, 31, 24, 17, 10
A. Subtract 4
B. Divide 4
C. Subtract 7
D. Subtract 9</p> | <p>6) 9, 36, 144, 576
A. Multiply 4
B. Multiply 10
C. Divide 7
D. Add 5</p> |
| <p>7) 80, 40, 20, 10, 5
A. Divide 2
B. Divide 6
C. Multiply 7
D. Add 4</p> | <p>8) 8, 14, 20, 26, 32, 38, 44, 50
A. Add 2
B. Subtract 10
C. Add 6
D. Multiply 6</p> |
| <p>9) 78, 68, 58, 48, 38, 28, 18, 8
A. Subtract 2
B. Subtract 10
C. Divide 10
D. Add 8</p> | <p>10) 18, 15, 12, 9, 6, 3
A. Subtract 3
B. Divide 2
C. Subtract 8
D. Add 5</p> |
| <p>11) 6, 18, 54, 162, 486
A. Multiply 8
B. Divide 10
C. Multiply 3
D. Add 3</p> | <p>12) 2, 6, 18, 54
A. Divide 3
B. Multiply 9
C. Multiply 9
D. Multiply 3</p> |

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



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

Answers

- 1) 486 , 162 , 54 , 18 , 6
 A. Divide 3
 B. Subtract 4
 C. Divide 9
 D. Multiply 5

- 2) 50 , 43 , 36 , 29 , 22 , 15 , 8
 A. Subtract 7
 B. Subtract 4
 C. Divide 8
 D. Subtract 6

- 3) 5 , 15 , 45 , 135
 A. Multiply 8
 B. Add 9
 C. Multiply 5
 D. Multiply 3

- 4) 7 , 28 , 112 , 448
 A. Add 6
 B. Multiply 9
 C. Multiply 4
 D. Multiply 4

- 5) 3750 , 750 , 150 , 30 , 6
 A. Subtract 7
 B. Add 4
 C. Divide 5
 D. Divide 3

- 6) 30 , 25 , 20 , 15 , 10 , 5
 A. Subtract 10
 B. Subtract 5
 C. Divide 10
 D. Add 5

- 7) 6 , 12 , 18 , 24 , 30 , 36 , 42 , 48
 A. Multiply 8
 B. Subtract 6
 C. Add 7
 D. Add 6

- 8) 2 , 6 , 18 , 54
 A. Multiply 3
 B. Divide 5
 C. Subtract 6
 D. Multiply 7

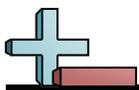
- 9) 43 , 35 , 27 , 19 , 11 , 3
 A. Subtract 10
 B. Subtract 9
 C. Subtract 8
 D. Add 5

- 10) 1000 , 200 , 40 , 8
 A. Divide 2
 B. Multiply 2
 C. Divide 9
 D. Divide 5

- 11) 2304 , 576 , 144 , 36 , 9
 A. Divide 6
 B. Divide 4
 C. Divide 9
 D. Multiply 8

- 12) 10 , 13 , 16 , 19 , 22 , 25
 A. Add 6
 B. Subtract 2
 C. Subtract 10
 D. Add 3

- Ex. A
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____
 9. _____
 10. _____
 11. _____
 12. _____



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

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 A. Divide 3
 B. Subtract 4
 C. Divide 9
 D. Multiply 5

- 2) 50 , 43 , 36 , 29 , 22 , 15 , 8
 A. Subtract 7
 B. Subtract 4
 C. Divide 8
 D. Subtract 6

- 3) 5 , 15 , 45 , 135
 A. Multiply 8
 B. Add 9
 C. Multiply 5
 D. Multiply 3

- 4) 7 , 28 , 112 , 448
 A. Add 6
 B. Multiply 9
 C. Multiply 4
 D. Multiply 4

- 5) 3750 , 750 , 150 , 30 , 6
 A. Subtract 7
 B. Add 4
 C. Divide 5
 D. Divide 3

- 6) 30 , 25 , 20 , 15 , 10 , 5
 A. Subtract 10
 B. Subtract 5
 C. Divide 10
 D. Add 5

- 7) 6 , 12 , 18 , 24 , 30 , 36 , 42 , 48
 A. Multiply 8
 B. Subtract 6
 C. Add 7
 D. Add 6

- 8) 2 , 6 , 18 , 54
 A. Multiply 3
 B. Divide 5
 C. Subtract 6
 D. Multiply 7

- 9) 43 , 35 , 27 , 19 , 11 , 3
 A. Subtract 10
 B. Subtract 9
 C. Subtract 8
 D. Add 5

- 10) 1000 , 200 , 40 , 8
 A. Divide 2
 B. Multiply 2
 C. Divide 9
 D. Divide 5

- 11) 2304 , 576 , 144 , 36 , 9
 A. Divide 6
 B. Divide 4
 C. Divide 9
 D. Multiply 8

- 12) 10 , 13 , 16 , 19 , 22 , 25
 A. Add 6
 B. Subtract 2
 C. Subtract 10
 D. Add 3

Answers

Ex. A

1. A

2. A

3. D

4. C

5. C

6. B

7. D

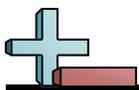
8. A

9. C

10. D

11. B

12. D



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

Answers

- 1) 6, 10, 14, 18, 22, 26
 A. Subtract 5
 B. Add 4
 C. Multiply 2
 D. Subtract 10

- 2) 875, 175, 35, 7
 A. Divide 5
 B. Add 4
 C. Multiply 5
 D. Divide 10

- 3) 108, 36, 12, 4
 A. Divide 4
 B. Divide 3
 C. Multiply 6
 D. Divide 3

- 4) 38, 33, 28, 23, 18, 13, 8
 A. Divide 6
 B. Subtract 5
 C. Add 7
 D. Subtract 5

- 5) 54, 47, 40, 33, 26, 19, 12, 5
 A. Divide 6
 B. Multiply 4
 C. Subtract 7
 D. Divide 9

- 6) 5, 20, 80, 320, 1280
 A. Subtract 6
 B. Divide 5
 C. Divide 10
 D. Multiply 4

- 7) 9, 45, 225, 1125
 A. Multiply 5
 B. Divide 2
 C. Multiply 6
 D. Divide 6

- 8) 3, 6, 12, 24
 A. Multiply 4
 B. Multiply 2
 C. Divide 2
 D. Multiply 8

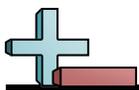
- 9) 22, 20, 18, 16, 14, 12, 10, 8
 A. Subtract 9
 B. Subtract 6
 C. Divide 10
 D. Subtract 2

- 10) 5, 9, 13, 17, 21, 25, 29
 A. Add 4
 B. Multiply 7
 C. Add 10
 D. Multiply 5

- 11) 112, 56, 28, 14, 7
 A. Multiply 9
 B. Divide 9
 C. Subtract 5
 D. Divide 2

- 12) 5, 10, 15, 20, 25, 30, 35, 40
 A. Multiply 3
 B. Subtract 8
 C. Divide 4
 D. Add 5

- Ex. A
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____
 9. _____
 10. _____
 11. _____
 12. _____

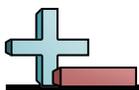


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| <p>1) 6, 10, 14, 18, 22, 26
A. Subtract 5
B. Add 4
C. Multiply 2
D. Subtract 10</p> | <p>2) 875, 175, 35, 7
A. Divide 5
B. Add 4
C. Multiply 5
D. Divide 10</p> |
| <p>3) 108, 36, 12, 4
A. Divide 4
B. Divide 3
C. Multiply 6
D. Divide 3</p> | <p>4) 38, 33, 28, 23, 18, 13, 8
A. Divide 6
B. Subtract 5
C. Add 7
D. Subtract 5</p> |
| <p>5) 54, 47, 40, 33, 26, 19, 12, 5
A. Divide 6
B. Multiply 4
C. Subtract 7
D. Divide 9</p> | <p>6) 5, 20, 80, 320, 1280
A. Subtract 6
B. Divide 5
C. Divide 10
D. Multiply 4</p> |
| <p>7) 9, 45, 225, 1125
A. Multiply 5
B. Divide 2
C. Multiply 6
D. Divide 6</p> | <p>8) 3, 6, 12, 24
A. Multiply 4
B. Multiply 2
C. Divide 2
D. Multiply 8</p> |
| <p>9) 22, 20, 18, 16, 14, 12, 10, 8
A. Subtract 9
B. Subtract 6
C. Divide 10
D. Subtract 2</p> | <p>10) 5, 9, 13, 17, 21, 25, 29
A. Add 4
B. Multiply 7
C. Add 10
D. Multiply 5</p> |
| <p>11) 112, 56, 28, 14, 7
A. Multiply 9
B. Divide 9
C. Subtract 5
D. Divide 2</p> | <p>12) 5, 10, 15, 20, 25, 30, 35, 40
A. Multiply 3
B. Subtract 8
C. Divide 4
D. Add 5</p> |

Answers

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



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

Answers

- 1) 10 , 19 , 28 , 37 , 46 , 55
 A. Add 7
 B. Divide 3
 C. Subtract 7
 D. Add 9

- 2) 144 , 72 , 36 , 18 , 9
 A. Divide 2
 B. Add 10
 C. Divide 2
 D. Multiply 9

- 3) 65 , 57 , 49 , 41 , 33 , 25 , 17 , 9
 A. Subtract 8
 B. Subtract 3
 C. Multiply 3
 D. Divide 5

- 4) 21 , 19 , 17 , 15 , 13 , 11 , 9
 A. Subtract 7
 B. Add 10
 C. Divide 10
 D. Subtract 2

- 5) 486 , 162 , 54 , 18 , 6
 A. Divide 3
 B. Multiply 5
 C. Multiply 7
 D. Divide 5

- 6) 6 , 18 , 54 , 162 , 486
 A. Divide 10
 B. Multiply 3
 C. Multiply 9
 D. Divide 2

- 7) 5 , 10 , 15 , 20 , 25 , 30
 A. Add 5
 B. Add 5
 C. Subtract 3
 D. Add 9

- 8) 6 , 13 , 20 , 27 , 34 , 41 , 48 , 55
 A. Add 7
 B. Divide 4
 C. Multiply 9
 D. Add 9

- 9) 5 , 10 , 20 , 40 , 80
 A. Divide 6
 B. Multiply 4
 C. Multiply 8
 D. Multiply 2

- 10) 243 , 81 , 27 , 9
 A. Divide 3
 B. Subtract 7
 C. Multiply 2
 D. Divide 7

- 11) 5 , 8 , 11 , 14 , 17
 A. Add 8
 B. Add 7
 C. Add 3
 D. Add 7

- 12) 2 , 4 , 8 , 16 , 32
 A. Multiply 2
 B. Subtract 5
 C. Divide 2
 D. Add 4

Ex. D

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

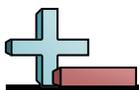
8. _____

9. _____

10. _____

11. _____

12. _____



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

- 1) 10 , 19 , 28 , 37 , 46 , 55
 A. Add 7
 B. Divide 3
 C. Subtract 7
 D. Add 9

- 2) 144 , 72 , 36 , 18 , 9
 A. Divide 2
 B. Add 10
 C. Divide 2
 D. Multiply 9

- 3) 65 , 57 , 49 , 41 , 33 , 25 , 17 , 9
 A. Subtract 8
 B. Subtract 3
 C. Multiply 3
 D. Divide 5

- 4) 21 , 19 , 17 , 15 , 13 , 11 , 9
 A. Subtract 7
 B. Add 10
 C. Divide 10
 D. Subtract 2

- 5) 486 , 162 , 54 , 18 , 6
 A. Divide 3
 B. Multiply 5
 C. Multiply 7
 D. Divide 5

- 6) 6 , 18 , 54 , 162 , 486
 A. Divide 10
 B. Multiply 3
 C. Multiply 9
 D. Divide 2

- 7) 5 , 10 , 15 , 20 , 25 , 30
 A. Add 5
 B. Add 5
 C. Subtract 3
 D. Add 9

- 8) 6 , 13 , 20 , 27 , 34 , 41 , 48 , 55
 A. Add 7
 B. Divide 4
 C. Multiply 9
 D. Add 9

- 9) 5 , 10 , 20 , 40 , 80
 A. Divide 6
 B. Multiply 4
 C. Multiply 8
 D. Multiply 2

- 10) 243 , 81 , 27 , 9
 A. Divide 3
 B. Subtract 7
 C. Multiply 2
 D. Divide 7

- 11) 5 , 8 , 11 , 14 , 17
 A. Add 8
 B. Add 7
 C. Add 3
 D. Add 7

- 12) 2 , 4 , 8 , 16 , 32
 A. Multiply 2
 B. Subtract 5
 C. Divide 2
 D. Add 4

Answers

Ex. D

1. D

2. A

3. A

4. D

5. A

6. B

7. A

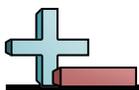
8. A

9. D

10. A

11. C

12. A

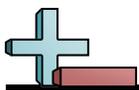


Determine which choice best describes the rule the pattern is using.

Answers

- | | |
|--|--|
| <p>1) 6, 14, 22, 30, 38, 46
 A. Add 7
 B. Multiply 7
 C. Add 8
 D. Multiply 6</p> | <p>2) 32, 26, 20, 14, 8, 2
 A. Subtract 9
 B. Add 6
 C. Divide 10
 D. Subtract 6</p> |
| <p>3) 7, 35, 175, 875
 A. Multiply 8
 B. Subtract 9
 C. Multiply 9
 D. Multiply 5</p> | <p>4) 1, 9, 17, 25, 33, 41
 A. Add 8
 B. Add 8
 C. Add 9
 D. Divide 9</p> |
| <p>5) 2, 4, 8, 16
 A. Multiply 7
 B. Divide 7
 C. Multiply 2
 D. Add 10</p> | <p>6) 32, 16, 8, 4
 A. Divide 2
 B. Multiply 7
 C. Multiply 4
 D. Divide 7</p> |
| <p>7) 33, 26, 19, 12, 5
 A. Subtract 9
 B. Subtract 7
 C. Divide 2
 D. Add 10</p> | <p>8) 39, 30, 21, 12, 3
 A. Subtract 8
 B. Multiply 10
 C. Subtract 9
 D. Divide 10</p> |
| <p>9) 1280, 320, 80, 20, 5
 A. Subtract 5
 B. Add 2
 C. Divide 4
 D. Divide 5</p> | <p>10) 6, 9, 12, 15, 18, 21
 A. Add 3
 B. Subtract 5
 C. Divide 9
 D. Subtract 10</p> |
| <p>11) 2, 10, 50, 250, 1250
 A. Multiply 9
 B. Add 9
 C. Multiply 5
 D. Add 5</p> | <p>12) 128, 64, 32, 16, 8
 A. Add 4
 B. Divide 2
 C. Subtract 2
 D. Subtract 4</p> |

- Ex. D
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

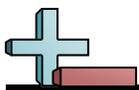


Determine which choice best describes the rule the pattern is using.

Answers

- | | |
|---|---|
| <p>1) 6, 14, 22, 30, 38, 46
A. Add 7
B. Multiply 7
C. Add 8
D. Multiply 6</p> | <p>2) 32, 26, 20, 14, 8, 2
A. Subtract 9
B. Add 6
C. Divide 10
D. Subtract 6</p> |
| <p>3) 7, 35, 175, 875
A. Multiply 8
B. Subtract 9
C. Multiply 9
D. Multiply 5</p> | <p>4) 1, 9, 17, 25, 33, 41
A. Add 8
B. Add 8
C. Add 9
D. Divide 9</p> |
| <p>5) 2, 4, 8, 16
A. Multiply 7
B. Divide 7
C. Multiply 2
D. Add 10</p> | <p>6) 32, 16, 8, 4
A. Divide 2
B. Multiply 7
C. Multiply 4
D. Divide 7</p> |
| <p>7) 33, 26, 19, 12, 5
A. Subtract 9
B. Subtract 7
C. Divide 2
D. Add 10</p> | <p>8) 39, 30, 21, 12, 3
A. Subtract 8
B. Multiply 10
C. Subtract 9
D. Divide 10</p> |
| <p>9) 1280, 320, 80, 20, 5
A. Subtract 5
B. Add 2
C. Divide 4
D. Divide 5</p> | <p>10) 6, 9, 12, 15, 18, 21
A. Add 3
B. Subtract 5
C. Divide 9
D. Subtract 10</p> |
| <p>11) 2, 10, 50, 250, 1250
A. Multiply 9
B. Add 9
C. Multiply 5
D. Add 5</p> | <p>12) 128, 64, 32, 16, 8
A. Add 4
B. Divide 2
C. Subtract 2
D. Subtract 4</p> |

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

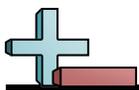


Determine which choice best describes the rule the pattern is using.

Answers

- | | |
|--|---|
| <p>1) 5 , 20 , 80 , 320 , 1280
 A. Subtract 4
 B. Multiply 10
 C. Multiply 4
 D. Multiply 7</p> | <p>2) 31 , 28 , 25 , 22 , 19 , 16 , 13 , 10
 A. Subtract 2
 B. Subtract 5
 C. Multiply 6
 D. Subtract 3</p> |
| <p>3) 75 , 65 , 55 , 45 , 35 , 25 , 15 , 5
 A. Add 6
 B. Subtract 6
 C. Subtract 10
 D. Divide 7</p> | <p>4) 10 , 16 , 22 , 28 , 34 , 40
 A. Add 5
 B. Add 3
 C. Add 6
 D. Add 9</p> |
| <p>5) 112 , 56 , 28 , 14 , 7
 A. Divide 2
 B. Subtract 7
 C. Multiply 5
 D. Divide 7</p> | <p>6) 50 , 43 , 36 , 29 , 22 , 15 , 8
 A. Subtract 7
 B. Divide 8
 C. Add 3
 D. Subtract 8</p> |
| <p>7) 128 , 32 , 8 , 2
 A. Subtract 6
 B. Divide 10
 C. Divide 4
 D. Divide 4</p> | <p>8) 1 , 7 , 13 , 19 , 25 , 31 , 37 , 43
 A. Add 6
 B. Divide 7
 C. Subtract 8
 D. Add 6</p> |
| <p>9) 2 , 6 , 18 , 54 , 162
 A. Multiply 5
 B. Subtract 10
 C. Multiply 10
 D. Multiply 3</p> | <p>10) 500 , 100 , 20 , 4
 A. Multiply 6
 B. Subtract 5
 C. Divide 5
 D. Divide 2</p> |
| <p>11) 48 , 40 , 32 , 24 , 16 , 8
 A. Subtract 8
 B. Add 8
 C. Add 8
 D. Multiply 6</p> | <p>12) 6 , 30 , 150 , 750
 A. Add 3
 B. Add 6
 C. Multiply 5
 D. Multiply 8</p> |

- Ex. C
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

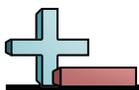


Determine which choice best describes the rule the pattern is using.

- | | |
|--|---|
| <p>1) 5 , 20 , 80 , 320 , 1280
A. Subtract 4
B. Multiply 10
C. Multiply 4
D. Multiply 7</p> | <p>2) 31 , 28 , 25 , 22 , 19 , 16 , 13 , 10
A. Subtract 2
B. Subtract 5
C. Multiply 6
D. Subtract 3</p> |
| <p>3) 75 , 65 , 55 , 45 , 35 , 25 , 15 , 5
A. Add 6
B. Subtract 6
C. Subtract 10
D. Divide 7</p> | <p>4) 10 , 16 , 22 , 28 , 34 , 40
A. Add 5
B. Add 3
C. Add 6
D. Add 9</p> |
| <p>5) 112 , 56 , 28 , 14 , 7
A. Divide 2
B. Subtract 7
C. Multiply 5
D. Divide 7</p> | <p>6) 50 , 43 , 36 , 29 , 22 , 15 , 8
A. Subtract 7
B. Divide 8
C. Add 3
D. Subtract 8</p> |
| <p>7) 128 , 32 , 8 , 2
A. Subtract 6
B. Divide 10
C. Divide 4
D. Divide 4</p> | <p>8) 1 , 7 , 13 , 19 , 25 , 31 , 37 , 43
A. Add 6
B. Divide 7
C. Subtract 8
D. Add 6</p> |
| <p>9) 2 , 6 , 18 , 54 , 162
A. Multiply 5
B. Subtract 10
C. Multiply 10
D. Multiply 3</p> | <p>10) 500 , 100 , 20 , 4
A. Multiply 6
B. Subtract 5
C. Divide 5
D. Divide 2</p> |
| <p>11) 48 , 40 , 32 , 24 , 16 , 8
A. Subtract 8
B. Add 8
C. Add 8
D. Multiply 6</p> | <p>12) 6 , 30 , 150 , 750
A. Add 3
B. Add 6
C. Multiply 5
D. Multiply 8</p> |

Answers

- Ex. C
1. C
2. D
3. C
4. C
5. A
6. A
7. C
8. A
9. D
10. C
11. A
12. C



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

Answers

- 1) 52, 43, 34, 25, 16, 7
 A. Add 3
 B. Subtract 6
 C. Subtract 9
 D. Subtract 7

- 2) 4, 8, 16, 32
 A. Divide 7
 B. Multiply 2
 C. Divide 5
 D. Add 6

- 3) 38, 29, 20, 11, 2
 A. Subtract 2
 B. Subtract 9
 C. Subtract 3
 D. Add 6

- 4) 2, 10, 50, 250, 1250
 A. Add 2
 B. Multiply 5
 C. Subtract 5
 D. Multiply 4

- 5) 1, 9, 17, 25, 33
 A. Add 10
 B. Divide 2
 C. Add 5
 D. Add 8

- 6) 25, 21, 17, 13, 9, 5, 1
 A. Divide 2
 B. Subtract 5
 C. Add 5
 D. Subtract 4

- 7) 9, 14, 19, 24, 29, 34, 39
 A. Add 5
 B. Divide 8
 C. Subtract 7
 D. Add 5

- 8) 3, 9, 27, 81, 243
 A. Multiply 4
 B. Divide 6
 C. Multiply 3
 D. Add 6

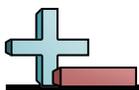
- 9) 162, 54, 18, 6
 A. Add 10
 B. Divide 3
 C. Subtract 8
 D. Subtract 10

- 10) 2, 9, 16, 23, 30, 37, 44
 A. Subtract 4
 B. Add 7
 C. Subtract 10
 D. Divide 3

- 11) 33, 28, 23, 18, 13, 8
 A. Divide 5
 B. Add 6
 C. Subtract 5
 D. Subtract 4

- 12) 9, 27, 81, 243
 A. Multiply 7
 B. Divide 9
 C. Multiply 6
 D. Multiply 3

- Ex. D
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____
 9. _____
 10. _____
 11. _____
 12. _____



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

- 1) 52, 43, 34, 25, 16, 7
 A. Add 3
 B. Subtract 6
 C. Subtract 9
 D. Subtract 7

- 2) 4, 8, 16, 32
 A. Divide 7
 B. Multiply 2
 C. Divide 5
 D. Add 6

- 3) 38, 29, 20, 11, 2
 A. Subtract 2
 B. Subtract 9
 C. Subtract 3
 D. Add 6

- 4) 2, 10, 50, 250, 1250
 A. Add 2
 B. Multiply 5
 C. Subtract 5
 D. Multiply 4

- 5) 1, 9, 17, 25, 33
 A. Add 10
 B. Divide 2
 C. Add 5
 D. Add 8

- 6) 25, 21, 17, 13, 9, 5, 1
 A. Divide 2
 B. Subtract 5
 C. Add 5
 D. Subtract 4

- 7) 9, 14, 19, 24, 29, 34, 39
 A. Add 5
 B. Divide 8
 C. Subtract 7
 D. Add 5

- 8) 3, 9, 27, 81, 243
 A. Multiply 4
 B. Divide 6
 C. Multiply 3
 D. Add 6

- 9) 162, 54, 18, 6
 A. Add 10
 B. Divide 3
 C. Subtract 8
 D. Subtract 10

- 10) 2, 9, 16, 23, 30, 37, 44
 A. Subtract 4
 B. Add 7
 C. Subtract 10
 D. Divide 3

- 11) 33, 28, 23, 18, 13, 8
 A. Divide 5
 B. Add 6
 C. Subtract 5
 D. Subtract 4

- 12) 9, 27, 81, 243
 A. Multiply 7
 B. Divide 9
 C. Multiply 6
 D. Multiply 3

Answers

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

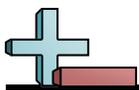


Determine which choice best describes the rule the pattern is using.

Answers

- | | |
|--|--|
| <p>1) 3, 13, 23, 33, 43, 53, 63
A. Subtract 5
B. Add 10
C. Add 9
D. Divide 7</p> | <p>2) 33, 28, 23, 18, 13, 8
A. Divide 5
B. Divide 6
C. Subtract 5
D. Multiply 8</p> |
| <p>3) 9, 18, 36, 72, 144
A. Multiply 2
B. Multiply 3
C. Subtract 7
D. Multiply 3</p> | <p>4) 750, 150, 30, 6
A. Subtract 8
B. Multiply 9
C. Divide 5
D. Divide 2</p> |
| <p>5) 8, 32, 128, 512
A. Multiply 3
B. Multiply 4
C. Divide 4
D. Divide 6</p> | <p>6) 54, 47, 40, 33, 26, 19, 12, 5
A. Multiply 10
B. Divide 5
C. Subtract 7
D. Add 10</p> |
| <p>7) 1280, 320, 80, 20, 5
A. Divide 5
B. Divide 4
C. Divide 6
D. Divide 3</p> | <p>8) 4, 8, 12, 16, 20, 24
A. Multiply 6
B. Divide 7
C. Add 4
D. Subtract 10</p> |
| <p>9) 25, 21, 17, 13, 9
A. Add 5
B. Subtract 2
C. Add 8
D. Subtract 4</p> | <p>10) 9, 11, 13, 15, 17, 19
A. Subtract 8
B. Multiply 2
C. Add 2
D. Add 2</p> |
| <p>11) 6, 11, 16, 21, 26, 31, 36, 41
A. Add 6
B. Add 5
C. Subtract 4
D. Add 9</p> | <p>12) 1875, 375, 75, 15, 3
A. Multiply 8
B. Divide 8
C. Multiply 6
D. Divide 5</p> |

- Ex. **B** _____
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



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

Answers

- | | |
|--|--|
| <p>1) 3, 13, 23, 33, 43, 53, 63
A. Subtract 5
B. Add 10
C. Add 9
D. Divide 7</p> | <p>2) 33, 28, 23, 18, 13, 8
A. Divide 5
B. Divide 6
C. Subtract 5
D. Multiply 8</p> |
| <p>3) 9, 18, 36, 72, 144
A. Multiply 2
B. Multiply 3
C. Subtract 7
D. Multiply 3</p> | <p>4) 750, 150, 30, 6
A. Subtract 8
B. Multiply 9
C. Divide 5
D. Divide 2</p> |
| <p>5) 8, 32, 128, 512
A. Multiply 3
B. Multiply 4
C. Divide 4
D. Divide 6</p> | <p>6) 54, 47, 40, 33, 26, 19, 12, 5
A. Multiply 10
B. Divide 5
C. Subtract 7
D. Add 10</p> |
| <p>7) 1280, 320, 80, 20, 5
A. Divide 5
B. Divide 4
C. Divide 6
D. Divide 3</p> | <p>8) 4, 8, 12, 16, 20, 24
A. Multiply 6
B. Divide 7
C. Add 4
D. Subtract 10</p> |
| <p>9) 25, 21, 17, 13, 9
A. Add 5
B. Subtract 2
C. Add 8
D. Subtract 4</p> | <p>10) 9, 11, 13, 15, 17, 19
A. Subtract 8
B. Multiply 2
C. Add 2
D. Add 2</p> |
| <p>11) 6, 11, 16, 21, 26, 31, 36, 41
A. Add 6
B. Add 5
C. Subtract 4
D. Add 9</p> | <p>12) 1875, 375, 75, 15, 3
A. Multiply 8
B. Divide 8
C. Multiply 6
D. Divide 5</p> |

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