



List the factors for each of the problems.

Factor: Factors are the numbers you multiply together to get another number.

The factors of 12 1 , 2 , 3 , 4 , 6 , 12 $1 \times 12 = 12$ $2 \times 6 = 12$ $3 \times 4 = 12$

*Note: Negative numbers can also be factors. (Ie. -1, -2, -3, -4, -6, -12)

1) 99 _____ , _____ , _____ , _____ , _____ , _____

2) 5 _____ , _____

3) 68 _____ , _____ , _____ , _____ , _____ , _____

4) 81 _____ , _____ , _____ , _____ , _____

5) 43 _____ , _____

6) 93 _____ , _____ , _____ , _____

7) 72 _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

8) 71 _____ , _____

9) 62 _____ , _____ , _____ , _____

10) 43 _____ , _____

11) 82 _____ , _____ , _____ , _____

12) 64 _____ , _____ , _____ , _____ , _____ , _____ , _____

13) 9 _____ , _____ , _____

14) 8 _____ , _____ , _____ , _____

15) 29 _____ , _____



List the factors for each of the problems.

Factor: Factors are the numbers you multiply together to get another number.

The factors of 12

1 , 2 , 3 , 4 , 6 , 12

$1 \times 12 = 12$

$2 \times 6 = 12$

$3 \times 4 = 12$

*Note: Negative numbers can also be factors. (I.e. -1, -2, -3, -4, -6, -12)

1) 99 1 , 3 , 9 , 11 , 33 , 99

2) 5 1 , 5

3) 68 1 , 2 , 4 , 17 , 34 , 68

4) 81 1 , 3 , 9 , 27 , 81

5) 43 1 , 43

6) 93 1 , 3 , 31 , 93

7) 72 1 , 2 , 3 , 4 , 6 , 8 , 9 , 12 , 18 , 24 , 36 , 72

8) 71 1 , 71

9) 62 1 , 2 , 31 , 62

10) 43 1 , 43

11) 82 1 , 2 , 41 , 82

12) 64 1 , 2 , 4 , 8 , 16 , 32 , 64

13) 9 1 , 3 , 9

14) 8 1 , 2 , 4 , 8

15) 29 1 , 29



Determine which letter best answers each question.

Answers

- | | | | |
|---|---|---|-----------|
| 1) Which choice is not a factor of 60?
A. 3
B. 14
C. 30
D. 4 | 2) Which choice is not a factor of 24?
A. 3
B. 4
C. 18
D. 2 | 3) Which choice is not a factor of 30?
A. 12
B. 3
C. 2
D. 5 | 1. _____ |
| 4) Which choice is not a factor of 50?
A. 25
B. 12
C. 10
D. 5 | 5) Which choice is not a factor of 56?
A. 8
B. 5
C. 4
D. 2 | 6) Which choice is not a factor of 18?
A. 3
B. 14
C. 6
D. 2 | 2. _____ |
| 7) Which choice is a factor of 70?
A. 18
B. 4
C. 17
D. 10 | 8) Which choice is a factor of 16?
A. 8
B. 6
C. 17
D. 18 | 9) Which choice is a factor of 72?
A. 19
B. 18
C. 5
D. 10 | 3. _____ |
| 10) Which choice is a factor of 48?
A. 24
B. 20
C. 11
D. 13 | 11) Which choice is a factor of 45?
A. 4
B. 3
C. 11
D. 18 | 12) Which choice is a factor of 28?
A. 13
B. 18
C. 4
D. 6 | 4. _____ |
| | | | 5. _____ |
| | | | 6. _____ |
| | | | 7. _____ |
| | | | 8. _____ |
| | | | 9. _____ |
| | | | 10. _____ |
| | | | 11. _____ |
| | | | 12. _____ |



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- 7) Which choice is a factor of 70?
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- 12) Which choice is a factor of 28?
A. 13
B. 18
C. 4
D. 6

Answers

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



Determine which letter best answers each question.

Answers

- 1) Which number is a factor of 10, but not a multiple of 2?
A. 8
B. 4
C. 5
D. 6
- 2) Which number is a factor of 15, but not a multiple of 3?
A. 5
B. 8
C. 4
D. 6
- 3) Which number is a factor of 14, but not a multiple of 7?
A. 8
B. 12
C. 2
D. 4
- 4) Which number is a factor of 24, but not a multiple of 3?
A. 6
B. 8
C. 9
D. 12
- 5) Which number is a factor of 22, but not a multiple of 11?
A. 6
B. 5
C. 2
D. 4
- 6) Which number is a factor of 24, but not a multiple of 6?
A. 12
B. 7
C. 8
D. 10
- 7) Which number is a factor of 24, but not a multiple of 8?
A. 9
B. 6
C. 10
D. 7
- 8) Which number is a factor of 21, but not a multiple of 3?
A. 4
B. 2
C. 7
D. 5
- 9) Which number is a factor of 12, but not a multiple of 4?
A. 6
B. 8
C. 9
D. 10
- 10) Which number is a factor of 18, but not a multiple of 2?
A. 6
B. 8
C. 9
D. 4
- 11) Which number is a factor of 20, but not a multiple of 2?
A. 5
B. 12
C. 10
D. 4
- 12) Which number is a factor of 12, but not a multiple of 2?
A. 4
B. 8
C. 6
D. 3

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



Determine which letter best answers each question.

- 1) Which number is a factor of 10, but not a multiple of 2?
A. 8
B. 4
C. 5
D. 6
- 2) Which number is a factor of 15, but not a multiple of 3?
A. 5
B. 8
C. 4
D. 6
- 3) Which number is a factor of 14, but not a multiple of 7?
A. 8
B. 12
C. 2
D. 4
- 4) Which number is a factor of 24, but not a multiple of 3?
A. 6
B. 8
C. 9
D. 12
- 5) Which number is a factor of 22, but not a multiple of 11?
A. 6
B. 5
C. 2
D. 4
- 6) Which number is a factor of 24, but not a multiple of 6?
A. 12
B. 7
C. 8
D. 10
- 7) Which number is a factor of 24, but not a multiple of 8?
A. 9
B. 6
C. 10
D. 7
- 8) Which number is a factor of 21, but not a multiple of 3?
A. 4
B. 2
C. 7
D. 5
- 9) Which number is a factor of 12, but not a multiple of 4?
A. 6
B. 8
C. 9
D. 10
- 10) Which number is a factor of 18, but not a multiple of 2?
A. 6
B. 8
C. 9
D. 4
- 11) Which number is a factor of 20, but not a multiple of 2?
A. 5
B. 12
C. 10
D. 4
- 12) Which number is a factor of 12, but not a multiple of 2?
A. 4
B. 8
C. 6
D. 3

Answers

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

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