



Identifying Factors

Name: _____

List the factors for each of the numbers.

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

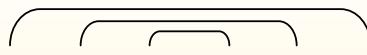
Factors of 12 1 , 2 , 3 , 4 , 6 , 12 $1 \times 12 = 12$ $2 \times 6 = 12$ $3 \times 4 = 12$ **Note: Negative numbers can also be factors. (Ie. -1, -2, -3, -4, -6, -12)*

- 1) 72 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____
- 2) 87 _____, _____, _____, _____
- 3) 63 _____, _____, _____, _____, _____, _____
- 4) 24 _____, _____, _____, _____, _____, _____, _____, _____
- 5) 90 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____
- 6) 60 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____
- 7) 70 _____, _____, _____, _____, _____, _____, _____, _____, _____
- 8) 22 _____, _____, _____, _____
- 9) 14 _____, _____, _____, _____
- 10) 38 _____, _____, _____, _____
- 11) 96 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____
- 12) 46 _____, _____, _____, _____
- 13) 17 _____, _____
- 14) 15 _____, _____, _____, _____
- 15) 28 _____, _____, _____, _____, _____, _____



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

2) 87 1 , 3 , 29 , 87

3) 63 1 , 3 , 7 , 9 , 21 , 63

4) 24 1 , 2 , 3 , 4 , 6 , 8 , 12 , 24

5) 90 1 , 2 , 3 , 5 , 6 , 9 , 10 , 15 , 18 , 30 , 45 , 90

6) 60 1 , 2 , 3 , 4 , 5 , 6 , 10 , 12 , 15 , 20 , 30 , 60

7) 70 1 , 2 , 5 , 7 , 10 , 14 , 35 , 70

8) 22 1 , 2 , 11 , 22

9) 14 1 , 2 , 7 , 14

10) 38 1 , 2 , 19 , 38

11) 96 1 , 2 , 3 , 4 , 6 , 8 , 12 , 16 , 24 , 32 , 48 , 96

12) 46 1 , 2 , 23 , 46

13) 17 1 , 17

14) 15 1 , 3 , 5 , 15

15) 28 1 , 2 , 4 , 7 , 14 , 28



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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) 91 _____, _____, _____, _____
- 2) 49 _____, _____, _____
- 3) 29 _____, _____
- 4) 48 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____
- 5) 88 _____, _____, _____, _____, _____, _____, _____, _____, _____
- 6) 31 _____, _____
- 7) 47 _____, _____
- 8) 26 _____, _____, _____, _____
- 9) 61 _____, _____
- 10) 40 _____, _____, _____, _____, _____, _____, _____, _____, _____
- 11) 35 _____, _____, _____, _____
- 12) 30 _____, _____, _____, _____, _____, _____, _____, _____, _____
- 13) 3 _____, _____
- 14) 67 _____, _____
- 15) 78 _____, _____, _____, _____, _____, _____, _____, _____, _____



List the factors for each of the numbers.

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



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) 91 1 , 7 , 13 , 91

2) 49 1 , 7 , 49

3) 29 1 , 29

4) 48 1 , 2 , 3 , 4 , 6 , 8 , 12 , 16 , 24 , 48

5) 88 1 , 2 , 4 , 8 , 11 , 22 , 44 , 88

6) 31 1 , 31

7) 47 1 , 47

8) 26 1 , 2 , 13 , 26

9) 61 1 , 61

10) 40 1 , 2 , 4 , 5 , 8 , 10 , 20 , 40

11) 35 1 , 5 , 7 , 35

12) 30 1 , 2 , 3 , 5 , 6 , 10 , 15 , 30

13) 3 1 , 3

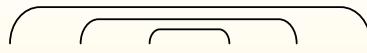
14) 67 1 , 67

15) 78 1 , 2 , 3 , 6 , 13 , 26 , 39 , 78



List the factors for each of the numbers.

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



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) 42 _____, _____, _____, _____, _____, _____, _____, _____, _____

2) 48 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

3) 73 _____, _____

4) 93 _____, _____, _____, _____

5) 70 _____, _____, _____, _____, _____, _____, _____, _____, _____

6) 9 _____, _____, _____

7) 36 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

8) 22 _____, _____, _____, _____

9) 15 _____, _____, _____, _____

10) 24 _____, _____, _____, _____, _____, _____, _____, _____, _____

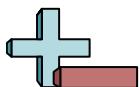
11) 11 _____, _____

12) 18 _____, _____, _____, _____, _____, _____

13) 32 _____, _____, _____, _____, _____, _____

14) 91 _____, _____, _____, _____

15) 83 _____, _____



List the factors for each of the numbers.

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

Factors of 12 $\overbrace{1, 2, 3, 4}^{\text{Factors}}, \overbrace{6, 12}^{\text{Factors}}$ $1 \times 12 = 12$ $2 \times 6 = 12$ $3 \times 4 = 12$

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

1) 42 1, 2, 3, 6, 7, 14, 21, 42

2) 48 1, 2, 3, 4, 6, 8, 12, 16, 24, 48

3) 73 1, 73

4) 93 1, 3, 31, 93

5) 70 1, 2, 5, 7, 10, 14, 35, 70

6) 9 1, 3, 9

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

8) 22 1, 2, 11, 22

9) 15 1, 3, 5, 15

10) 24 1, 2, 3, 4, 6, 8, 12, 24

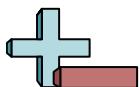
11) 11 1, 11

12) 18 1, 2, 3, 6, 9, 18

13) 32 1, 2, 4, 8, 16, 32

14) 91 1, 7, 13, 91

15) 83 1, 83



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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) 54 _____, _____, _____, _____, _____, _____, _____, _____, _____

2) 94 _____, _____, _____, _____

3) 86 _____, _____, _____, _____

4) 37 _____, _____

5) 50 _____, _____, _____, _____, _____, _____

6) 36 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

7) 26 _____, _____, _____, _____

8) 62 _____, _____, _____, _____

9) 11 _____, _____

10) 81 _____, _____, _____, _____, _____

11) 75 _____, _____, _____, _____, _____, _____

12) 89 _____, _____

13) 16 _____, _____, _____, _____, _____

14) 4 _____, _____, _____

15) 68 _____, _____, _____, _____, _____, _____



List the factors for each of the numbers.

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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) 54 1 , 2 , 3 , 6 , 9 , 18 , 27 , 54

2) 94 1 , 2 , 47 , 94

3) 86 1 , 2 , 43 , 86

4) 37 1 , 37

5) 50 1 , 2 , 5 , 10 , 25 , 50

6) 36 1 , 2 , 3 , 4 , 6 , 9 , 12 , 18 , 36

7) 26 1 , 2 , 13 , 26

8) 62 1 , 2 , 31 , 62

9) 11 1 , 11

10) 81 1 , 3 , 9 , 27 , 81

11) 75 1 , 3 , 5 , 15 , 25 , 75

12) 89 1 , 89

13) 16 1 , 2 , 4 , 8 , 16

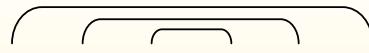
14) 4 1 , 2 , 4

15) 68 1 , 2 , 4 , 17 , 34 , 68



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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) 19 _____, _____

2) 67 _____, _____

3) 28 _____, _____, _____, _____, _____, _____

4) 71 _____, _____

5) 48 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

6) 60 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

7) 5 _____, _____

8) 14 _____, _____, _____, _____

9) 59 _____, _____

10) 18 _____, _____, _____, _____, _____, _____

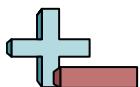
11) 64 _____, _____, _____, _____, _____, _____, _____

12) 95 _____, _____, _____, _____

13) 10 _____, _____, _____, _____

14) 25 _____, _____, _____

15) 42 _____, _____, _____, _____, _____, _____, _____, _____



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

Factors of 12 $\overbrace{1, 2, 3}^{\text{Factors}}, \overbrace{4, 6}^{\text{Factors}}, 12$ $1 \times 12 = 12$ $2 \times 6 = 12$ $3 \times 4 = 12$

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

1) 19 1, 19

2) 67 1, 67

3) 28 1, 2, 4, 7, 14, 28

4) 71 1, 71

5) 48 1, 2, 3, 4, 6, 8, 12, 16, 24, 48

6) 60 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60

7) 5 1, 5

8) 14 1, 2, 7, 14

9) 59 1, 59

10) 18 1, 2, 3, 6, 9, 18

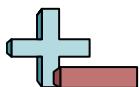
11) 64 1, 2, 4, 8, 16, 32, 64

12) 95 1, 5, 19, 95

13) 10 1, 2, 5, 10

14) 25 1, 5, 25

15) 42 1, 2, 3, 6, 7, 14, 21, 42



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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) 61 _____, _____

2) 34 _____, _____, _____, _____

3) 44 _____, _____, _____, _____, _____, _____

4) 4 _____, _____, _____

5) 49 _____, _____, _____

6) 48 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

7) 73 _____, _____

8) 58 _____, _____, _____, _____

9) 17 _____, _____

10) 28 _____, _____, _____, _____, _____, _____

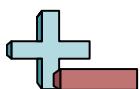
11) 94 _____, _____, _____, _____

12) 67 _____, _____

13) 59 _____, _____

14) 83 _____, _____

15) 56 _____, _____, _____, _____, _____, _____, _____, _____



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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) 61 1 , 61

2) 34 1 , 2 , 17 , 34

3) 44 1 , 2 , 4 , 11 , 22 , 44

4) 4 1 , 2 , 4

5) 49 1 , 7 , 49

6) 48 1 , 2 , 3 , 4 , 6 , 8 , 12 , 16 , 24 , 48

7) 73 1 , 73

8) 58 1 , 2 , 29 , 58

9) 17 1 , 17

10) 28 1 , 2 , 4 , 7 , 14 , 28

11) 94 1 , 2 , 47 , 94

12) 67 1 , 67

13) 59 1 , 59

14) 83 1 , 83

15) 56 1 , 2 , 4 , 7 , 8 , 14 , 28 , 56



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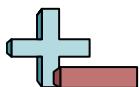
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- 1) 62 _____, _____, _____, _____
- 2) 15 _____, _____, _____, _____
- 3) 14 _____, _____, _____, _____
- 4) 100 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____
- 5) 28 _____, _____, _____, _____, _____, _____
- 6) 27 _____, _____, _____, _____
- 7) 3 _____, _____
- 8) 98 _____, _____, _____, _____, _____, _____
- 9) 84 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____
- 10) 72 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____
- 11) 33 _____, _____, _____, _____
- 12) 79 _____, _____
- 13) 75 _____, _____, _____, _____, _____, _____
- 14) 13 _____, _____
- 15) 69 _____, _____, _____, _____



List the factors for each of the numbers.

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Factors of 12 $\overbrace{1}^{\text{1}}, \overbrace{2}^{\text{2}}, \overbrace{3}^{\text{3}}, \overbrace{4}^{\text{4}}, \overbrace{6}^{\text{6}}, \overbrace{12}^{\text{12}}$ $1 \times 12 = 12$ $2 \times 6 = 12$ $3 \times 4 = 12$

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

1) 62 1, 2, 31, 62

2) 15 1, 3, 5, 15

3) 14 1, 2, 7, 14

4) 100 1, 2, 4, 5, 10, 20, 25, 50, 100

5) 28 1, 2, 4, 7, 14, 28

6) 27 1, 3, 9, 27

7) 3 1, 3

8) 98 1, 2, 7, 14, 49, 98

9) 84 1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42, 84

10) 72 1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72

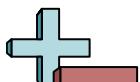
11) 33 1, 3, 11, 33

12) 79 1, 79

13) 75 1, 3, 5, 15, 25, 75

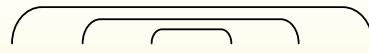
14) 13 1, 13

15) 69 1, 3, 23, 69



List the factors for each of the numbers.

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



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)

43 _____, _____

2)

21 _____, _____, _____, _____

3)

48 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

4)

78 _____, _____, _____, _____, _____, _____, _____, _____, _____

5)

7 _____, _____

6)

49 _____, _____, _____

7)

58 _____, _____, _____, _____

8)

47 _____, _____

9)

71 _____, _____

10)

26 _____, _____, _____, _____

11)

61 _____, _____

12)

92 _____, _____, _____, _____, _____, _____

13)

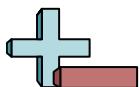
39 _____, _____, _____, _____

14)

32 _____, _____, _____, _____, _____, _____

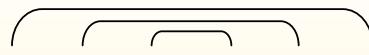
15)

14 _____, _____, _____, _____



List the factors for each of the numbers.

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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) 43 1 , 43

2) 21 1 , 3 , 7 , 21

3) 48 1 , 2 , 3 , 4 , 6 , 8 , 12 , 16 , 24 , 48

4) 78 1 , 2 , 3 , 6 , 13 , 26 , 39 , 78

5) 7 1 , 7

6) 49 1 , 7 , 49

7) 58 1 , 2 , 29 , 58

8) 47 1 , 47

9) 71 1 , 71

10) 26 1 , 2 , 13 , 26

11) 61 1 , 61

12) 92 1 , 2 , 4 , 23 , 46 , 92

13) 39 1 , 3 , 13 , 39

14) 32 1 , 2 , 4 , 8 , 16 , 32

15) 14 1 , 2 , 7 , 14



List the factors for each of the numbers.

Factors are the numbers you multiply together to get another number.
$$\text{Factors of } 12 \quad 1, 2, 3, 4, 6, 12 \quad 1 \times 12 = 12 \quad 2 \times 6 = 12 \quad 3 \times 4 = 12$$
**Note: Negative numbers can also be factors. (Ie. -1, -2, -3, -4, -6, -12)*

1) 35 _____, _____, _____, _____

2) 60 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

3) 75 _____, _____, _____, _____, _____, _____

4) 29 _____, _____

5) 84 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

6) 62 _____, _____, _____, _____

7) 28 _____, _____, _____, _____, _____, _____

8) 74 _____, _____, _____, _____

9) 6 _____, _____, _____, _____

10) 80 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

11) 55 _____, _____, _____, _____

12) 32 _____, _____, _____, _____, _____, _____

13) 41 _____, _____

14) 94 _____, _____, _____, _____

15) 24 _____, _____, _____, _____, _____, _____, _____, _____



List the factors for each of the numbers.

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

Factors of 12 $\overbrace{1}^{\text{1}}, \overbrace{2}^{\text{2}}, \overbrace{3}^{\text{3}}, \overbrace{4}^{\text{4}}, \overbrace{6}^{\text{6}}, \overbrace{12}^{\text{12}}$ $1 \times 12 = 12$ $2 \times 6 = 12$ $3 \times 4 = 12$

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

1) 35 1, 5, 7, 35

2) 60 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60

3) 75 1, 3, 5, 15, 25, 75

4) 29 1, 29

5) 84 1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42, 84

6) 62 1, 2, 31, 62

7) 28 1, 2, 4, 7, 14, 28

8) 74 1, 2, 37, 74

9) 6 1, 2, 3, 6

10) 80 1, 2, 4, 5, 8, 10, 16, 20, 40, 80

11) 55 1, 5, 11, 55

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

13) 41 1, 41

14) 94 1, 2, 47, 94

15) 24 1, 2, 3, 4, 6, 8, 12, 24



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1) 64 _____, _____, _____, _____, _____, _____, _____

2) 63 _____, _____, _____, _____, _____, _____

3) 50 _____, _____, _____, _____, _____, _____

4) 98 _____, _____, _____, _____, _____, _____

5) 9 _____, _____, _____

6) 3 _____, _____

7) 76 _____, _____, _____, _____, _____, _____

8) 100 _____, _____, _____, _____, _____, _____, _____, _____, _____

9) 91 _____, _____, _____, _____

10) 2 _____, _____

11) 30 _____, _____, _____, _____, _____, _____, _____, _____

12) 62 _____, _____, _____, _____

13) 20 _____, _____, _____, _____, _____, _____

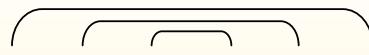
14) 24 _____, _____, _____, _____, _____, _____, _____, _____

15) 23 _____, _____



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

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

2) 63 1 , 3 , 7 , 9 , 21 , 63

3) 50 1 , 2 , 5 , 10 , 25 , 50

4) 98 1 , 2 , 7 , 14 , 49 , 98

5) 9 1 , 3 , 9

6) 3 1 , 3

7) 76 1 , 2 , 4 , 19 , 38 , 76

8) 100 1 , 2 , 4 , 5 , 10 , 20 , 25 , 50 , 100

9) 91 1 , 7 , 13 , 91

10) 2 1 , 2

11) 30 1 , 2 , 3 , 5 , 6 , 10 , 15 , 30

12) 62 1 , 2 , 31 , 62

13) 20 1 , 2 , 4 , 5 , 10 , 20

14) 24 1 , 2 , 3 , 4 , 6 , 8 , 12 , 24

15) 23 1 , 23