



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

2) 54 _____, _____, _____, _____, _____, _____, _____, _____, _____

3) 88 _____, _____, _____, _____, _____, _____, _____, _____, _____

4) 43 _____, _____

5) 60 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

6) 100 _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

7) 17 _____, _____

8) 33 _____, _____, _____, _____

9) 82 _____, _____, _____, _____

10) 62 _____, _____, _____, _____

11) 44 _____, _____, _____, _____, _____, _____

12) 4 _____, _____, _____

13) 14 _____, _____, _____, _____

14) 55 _____, _____, _____, _____

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



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

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

3) 88 1, 2, 4, 8, 11, 22, 44, 88

4) 43 1, 43

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

6) 100 1, 2, 4, 5, 10, 20, 25, 50, 100

7) 17 1, 17

8) 33 1, 3, 11, 33

9) 82 1, 2, 41, 82

10) 62 1, 2, 31, 62

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

12) 4 1, 2, 4

13) 14 1, 2, 7, 14

14) 55 1, 5, 11, 55

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