



## 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) 84    \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 3) 17    \_\_\_\_\_, \_\_\_\_\_
- 4) 57    \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 5) 3    \_\_\_\_\_, \_\_\_\_\_
- 6) 98    \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 7) 21    \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 8) 44    \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 9) 35    \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 10) 27    \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 11) 97    \_\_\_\_\_, \_\_\_\_\_
- 12) 20    \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 13) 95    \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 14) 46    \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 15) 6    \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



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. (Ie. -1, -2, -3, -4, -6, -12)

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

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

3) 17    1, 17

4) 57    1, 3, 19, 57

5) 3    1, 3

6) 98    1, 2, 7, 14, 49, 98

7) 21    1, 3, 7, 21

8) 44    1, 2, 4, 11, 22, 44

9) 35    1, 5, 7, 35

10) 27    1, 3, 9, 27

11) 97    1, 97

12) 20    1, 2, 4, 5, 10, 20

13) 95    1, 5, 19, 95

14) 46    1, 2, 23, 46

15) 6    1, 2, 3, 6