

Name:

Date:

# Divisors = Factors 1

1. Fill the chart. Are there any numbers that are NOT divisible by any of these?

| number | divisible by 2 | divisible by 3 | divisible by 4 | divisible by 5 | divisible by 6 | divisible by 7 | divisible by 8 | divisible by 9 | divisible by 10 |
|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| 0      |                |                |                |                |                |                |                |                |                 |
| 1      |                |                |                |                |                |                |                |                |                 |
| 2      |                |                |                |                |                |                |                |                |                 |
| 3      |                |                |                |                |                |                |                |                |                 |
| 4      |                |                |                |                |                |                |                |                |                 |
| 5      |                |                |                |                |                |                |                |                |                 |
| 6      |                |                |                |                |                |                |                |                |                 |
| 7      |                |                |                |                |                |                |                |                |                 |
| 8      |                |                |                |                |                |                |                |                |                 |
| 9      |                |                |                |                |                |                |                |                |                 |
| 10     |                |                |                |                |                |                |                |                |                 |
| 11     |                |                |                |                |                |                |                |                |                 |
| 12     |                |                |                |                |                |                |                |                |                 |
| 13     |                |                |                |                |                |                |                |                |                 |
| 14     |                |                |                |                |                |                |                |                |                 |
| 15     |                |                |                |                |                |                |                |                |                 |
| 16     |                |                |                |                |                |                |                |                |                 |
| 17     |                |                |                |                |                |                |                |                |                 |
| 18     |                |                |                |                |                |                |                |                |                 |
| 19     |                |                |                |                |                |                |                |                |                 |
| 20     |                |                |                |                |                |                |                |                |                 |
| 21     |                |                |                |                |                |                |                |                |                 |
| 22     |                |                |                |                |                |                |                |                |                 |
| 23     |                |                |                |                |                |                |                |                |                 |
| 24     |                |                |                |                |                |                |                |                |                 |
| 25     |                |                |                |                |                |                |                |                |                 |
| 26     |                |                |                |                |                |                |                |                |                 |
| 27     |                |                |                |                |                |                |                |                |                 |
| 28     |                |                |                |                |                |                |                |                |                 |
| 29     |                |                |                |                |                |                |                |                |                 |
| 30     |                |                |                |                |                |                |                |                |                 |

Name:

Date:

# Divisors = Factors 2

1. Fill the chart. Are there any numbers that are NOT divisible by any of these?

| number | divisible by 2 | divisible by 3 | divisible by 4 | divisible by 5 | divisible by 6 | divisible by 7 | divisible by 8 | divisible by 9 | divisible by 10 |
|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| 30     |                |                |                |                |                |                |                |                |                 |
| 31     |                |                |                |                |                |                |                |                |                 |
| 32     |                |                |                |                |                |                |                |                |                 |
| 33     |                |                |                |                |                |                |                |                |                 |
| 34     |                |                |                |                |                |                |                |                |                 |
| 35     |                |                |                |                |                |                |                |                |                 |
| 36     |                |                |                |                |                |                |                |                |                 |
| 37     |                |                |                |                |                |                |                |                |                 |
| 38     |                |                |                |                |                |                |                |                |                 |
| 39     |                |                |                |                |                |                |                |                |                 |
| 40     |                |                |                |                |                |                |                |                |                 |
| 41     |                |                |                |                |                |                |                |                |                 |
| 42     |                |                |                |                |                |                |                |                |                 |
| 43     |                |                |                |                |                |                |                |                |                 |
| 44     |                |                |                |                |                |                |                |                |                 |
| 45     |                |                |                |                |                |                |                |                |                 |
| 46     |                |                |                |                |                |                |                |                |                 |
| 47     |                |                |                |                |                |                |                |                |                 |
| 48     |                |                |                |                |                |                |                |                |                 |
| 49     |                |                |                |                |                |                |                |                |                 |
| 50     |                |                |                |                |                |                |                |                |                 |
| 51     |                |                |                |                |                |                |                |                |                 |
| 52     |                |                |                |                |                |                |                |                |                 |
| 53     |                |                |                |                |                |                |                |                |                 |
| 54     |                |                |                |                |                |                |                |                |                 |
| 55     |                |                |                |                |                |                |                |                |                 |
| 56     |                |                |                |                |                |                |                |                |                 |
| 57     |                |                |                |                |                |                |                |                |                 |
| 58     |                |                |                |                |                |                |                |                |                 |
| 59     |                |                |                |                |                |                |                |                |                 |
| 60     |                |                |                |                |                |                |                |                |                 |

Name:

Date:

## Divisors = Factors 3

1. Study the charts you just filled and answer the questions.

a. Write a list of numbers divisible by 2, from 0 to 60.

b. Write a list of numbers divisible by 4, from 0 to 60.

c. Write a list of numbers divisible by 5, from 0 to 60.

d. Write a list of numbers divisible by 10, from 0 to 60.

e. Find numbers from the chart that were NOT divisible by 2, 3, 4, 5, 6, 7, 8, 9, or 10.

2. Fill in.

|   |                                      |
|---|--------------------------------------|
| Numbers divisible by 5 end in ___ or ___.                 | Numbers divisible by 10 end in ___ . |
| Numbers divisible by 2 are called _____ numbers.          |                                      |
| Numbers not divisible by 2 are called _____ numbers.      |                                      |
| 24 is _____ by 6, so we say that 6 is a _____ of 24.      |                                      |
| When I divide 54 by 6, the _____ is 9 and the _____ is 0. |                                      |

3. Find as many common factors of the given numbers as you can.

|              |              |              |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------|
| a. 24 and 18 | b. 12 and 18 | c. 10 and 24 | d. 18 and 30 | e. 12 and 24 | f. 25 and 40 |
|--------------|--------------|--------------|--------------|--------------|--------------|

4. Can you find the **greatest** common factor of the numbers?

a. 24 and 18   b. 12 and 18   c. 10 and 24   d. 18 and 30   e. 12 and 24   f. 25 and 40