

Name:

Date:

# Divisors = Factors 1

1. Fill in 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									

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## Divisors = Factors 2

1. Fill in 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									

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## Divisors = Factors 3

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

- Write a list of numbers divisible by 2, from 0 to 60.
- Write a list of numbers divisible by 4, from 0 to 60.
- Write a list of numbers divisible by 5, from 0 to 60.
- Write a list of numbers divisible by 10, from 0 to 60.
- 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 |