

# Divisibility Tests

Name \_\_\_\_\_

## Key Concept and Vocabulary

3 divides evenly into 18.



A number is divisible by

- 2:** if its last digit is 0, 2, 4, 6, or 8.
- 3:** if the sum of the digits is divisible by 3.
- 5:** if its last digit is 0 or 5.
- 10:** if its last digit is 0.

I use step counting to help remember.



## PRACTICE MAKES PURR-FECT™

Check your answers at [BigIdeasMath.com](http://BigIdeasMath.com).

Circle "Yes" or "No" in each box in the table.

	Number	Is the number divisible by 2?	Is the number divisible by 3?	Is the number divisible by 5?	Is the number divisible by 10?
1.	4	Yes No	Yes No	Yes No	Yes No
2.	5	Yes No	Yes No	Yes No	Yes No
3.	6	Yes No	Yes No	Yes No	Yes No
4.	7	Yes No	Yes No	Yes No	Yes No
5.	8	Yes No	Yes No	Yes No	Yes No
6.	9	Yes No	Yes No	Yes No	Yes No
7.	10	Yes No	Yes No	Yes No	Yes No
8.	11	Yes No	Yes No	Yes No	Yes No
9.	12	Yes No	Yes No	Yes No	Yes No

10. **PATTERN** Describe the pattern in this column.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

11. **PATTERN** Describe the pattern in this column.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_