

Divisibility Tests

Name _____

Key Concept and Vocabulary



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.



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Check your answers at 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.

Every other number
(or every even
number) is divisible
by 2.

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

Every third number is
divisible by 3.