



# Divisibility Rules

Name \_\_\_\_\_

Score \_\_\_\_\_

DR:24

1) Color the numbers that are given below in each problem.

a) The number 333 is divisible by.

<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> 9	<input type="radio"/> 10
-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	--------------------------

b) The number 40,110 is divisible by.

<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> 9	<input type="radio"/> 10
-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	--------------------------

c) The number 1,688 is divisible by.

<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> 9	<input type="radio"/> 10
-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	--------------------------

2) Circle all the factors of 672.

2      3      4      5      6      7      8      9      10

3) Circle all the factors of 7,399.

2      3      4      5      6      7      8      9      10

4) Circle all the factors of 13,320.

2      3      4      5      6      7      8      9      10

5) The number 26,268 is divisible by.

a) 2      b) 3      c) 4      d) 5      e) 6      f) 7

6) The number 2,650 is divisible by.

a) 2      b) 3      c) 4      d) 5      e) 6      f) 10



# Divisibility Rules

Name \_\_\_\_\_

Score \_\_\_\_\_

## Answer key

DR:24

- 1) Color the numbers that are given below in each problem.

- a) The number 333 is divisible by.

<input type="radio"/> 2	<input checked="" type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input checked="" type="radio"/> 9	<input type="radio"/> 10
-------------------------	------------------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	------------------------------------	--------------------------

- b) The number 40,110 is divisible by.

<input checked="" type="radio"/> 2	<input checked="" type="radio"/> 3	<input type="radio"/> 4	<input checked="" type="radio"/> 5	<input checked="" type="radio"/> 6	<input checked="" type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> 9	<input checked="" type="radio"/> 10
------------------------------------	------------------------------------	-------------------------	------------------------------------	------------------------------------	------------------------------------	-------------------------	-------------------------	-------------------------------------

- c) The number 1,688 is divisible by.

<input checked="" type="radio"/> 2	<input type="radio"/> 3	<input checked="" type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input checked="" type="radio"/> 8	<input type="radio"/> 9	<input type="radio"/> 10
------------------------------------	-------------------------	------------------------------------	-------------------------	-------------------------	-------------------------	------------------------------------	-------------------------	--------------------------

- 2) Circle all the factors of 672.

<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	9	10
-------------------------	-------------------------	-------------------------	---	-------------------------	-------------------------	-------------------------	---	----

- 3) Circle all the factors of 7,399.

2	3	4	5	6	<input type="radio"/> 7	8	9	10
---	---	---	---	---	-------------------------	---	---	----

- 4) Circle all the factors of 13,320.

<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	7	<input type="radio"/> 8	<input type="radio"/> 9	<input type="radio"/> 10
-------------------------	-------------------------	-------------------------	-------------------------	-------------------------	---	-------------------------	-------------------------	--------------------------

- 5) The number 26,268 is divisible by.

a) ~~2~~      b) ~~3~~      c) ~~4~~      d) 5      e) ~~6~~      f) 7

- 6) The number 2,650 is divisible by.

a) ~~2~~      b) 3      c) 4      d) ~~5~~      e) 6      f) ~~10~~