Divisibility Rules

	A number is divisible by…
2	if the digit in the ones place is an even number or 0.
3	if the sum of all the digits in the number is divisible by 3.
4	if the last two digits in the number are divisible by 4.
5	if the digit in the ones place is 0 or 5.
6	if the number is divisible by both 2 and 3.
8	if the last 3 digits in the number are divisible by 8.
9	if the sum of all the digits in the number is divisible by 9.
10	if the digit in the ones place is 0.

Tell whether each number is **divisible by 3**.

a. 3,460 _____   **b.** 5,228 _____   **c.** 1,368 _____

d. 6,355 _____   **e.** 7,530 _____   **f.** 4,005 _____

Tell whether each number is **divisible by 4**.

a. 3,460 _____   **b.** 5,228 _____   **c.** 1,368 _____

d. 6,355 _____   **e.** 7,530 _____   **f.** 4,005 _____

Divisibility Rules

Tell whether each number is **divisible by 5**.

   a. 3,460 _____

   b. 5,228 _____

   c. 1,368 _____

   d. 6,355 _____

   e. 7,530 _____

   f. 4,005 _____

Tell whether each number is **divisible by 6**.

   a. 3,460 _____

   b. 5,228 _____

   c. 1,368 _____

   d. 6,355 _____

   e. 7,530 _____

   f. 4,005 _____

Tell whether each number is **divisible by 9**.

   a. 3,460 _____

   b. 5,228 _____

   c. 1,368 _____

   d. 6,355 _____

   e. 7,530 _____

   f. 4,005 _____

Tell whether each number is **divisible by 10**.

   a. 3,460 _____

   b. 5,228 _____

   c. 1,368 _____

   d. 6,355 _____

   e. 7,530 _____

   f. 4,005 _____

Divisibility Rules

A number is divisible by…	
2	if the digit in the ones place is an even number or 0.
3	if the sum of all the digits in the number is divisible by 3.

a. 3,460 _____**yes**_____

b. 5,228 _____**yes**_____

c. 1,368 _____**yes**_____

d. 6,355 _____**no**_____

e. 7,530 _____**no**_____

f. 4,005 _____**no**_____

300604

Divisibility Rules

Tell whether each number is **divisible by 5**.

a. 3,460 ___yes___   **b.** 5,228 ___no___   **c.** 1,368 ___no___

Preview

Please log in to download the printable version of this worksheet.

d. 6,355 ___no___   **e.** 7,530 ___yes___   **f.** 4,005 ___no___

300604