Name: _____ Date: _____

DIVISIBILITY RULES

NINE

Divisible: Able to be divided evenly with no remainder.

Divisibility rules: Rules to help ascertain if a number is divisible by another number.

The sum of all the digits is divisible by nine.

Example

Is 2,025 divisible by nine?
Do the digits add to something divisible by nine? 2 + 0 + 2 + 5 = 9

HAVE A GO

Are these numbers divisible by 9?

a. 995 **YES / NO**
b. 2,097 **YES / NO**
c. 3,879 **YES / NO**
d. 6,321 **YES / NO**
e. 7,065 **YES / NO**

Find a missing digit that makes the number divisible by nine.

f. 3,56_
g. 32,_09
h. 45,9_9

THINK SPACE

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