

Name: _____

Divisibility Rules – Nine

A number is **divisible by 9** if the sum of all the digits in the number is divisible by 9.

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

a. 132 _____

b. 459 _____

c. 906 _____

d. 399 _____

e. 999 _____

f. 275 _____

g. 8,802 _____

h. 5,212 _____

i. 4,878 _____



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p. _____

q. _____

r. _____

Explain how you know the number 6,234 is NOT **divisible by 9** without dividing.



ANSWER KEY

Divisibility Rules – Nine

A number is **divisible by 9** if the sum of all the digits in the number is divisible by 9.

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

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15 is not divisible by 9.

