

Name \_\_\_\_\_

Date Answer Key

# Divisibility Rules: Dividing by 9

A number is divisible by 9 if the sum of its digits is divisible by 9.

## 387

Add the digits:  $3 + 8 + 7 = 18$

Since 18 is divisible by 9,  
387 is divisible by 9.

## 856

Add the digits:  $8 + 5 + 6 = 19$

Since 19 is not divisible by 9,  
856 is **not** divisible by 9.

Circle the numbers that are divisible by 9.

27

46

135

230

342

589

627

717

954

1,476

2,871

4,053

5,265

6,780

7,542

10,919

13,185

17,208

23,750

31,464

39,912

45,081

52,673

60,825