Name _____     Date _____

# 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 |