

Name \_\_\_\_\_ Date \_\_\_\_\_

# Zeros in the Quotient

**CA Standards**  
**KEY** NS 3.2, **KEY** NS 3.4

Find  $539 \div 5 = \square$ .

**Divide the hundreds.**

$$\begin{array}{r} 1 \\ 5 \overline{)539} \\ \underline{-5} \\ 0 \end{array}$$

Multiply.  
 $1 \times 5 = 5$   
Subtract.  
 $5 - 5 = 0$   
Compare.  
 $0 < 5$

**Bring down the tens.**

**Divide the tens.**

$$\begin{array}{r} 10 \\ 5 \overline{)539} \\ \underline{-5} \downarrow \\ 03 \\ \underline{-0} \\ 3 \end{array}$$

Multiply.  
 $0 \times 5 = 0$   
Subtract.  
 $3 - 0 = 3$   
Compare.  
 $3 < 5$

**Bring down the ones.**

**Divide the ones.**

$$\begin{array}{r} 107 \text{ R}4 \\ 5 \overline{)539} \\ \underline{-5} \downarrow \\ 03 \\ \underline{-0} \downarrow \\ 39 \\ \underline{-35} \\ 4 \end{array}$$

Multiply.  
 $7 \times 5 = 35$   
Subtract.  
 $39 - 35 = 4$   
Compare.  
 $4 < 5$   
Write the remainder.

**Divide. Check your answers.**

1.  $7 \overline{)744}$

2.  $2 \overline{)615}$

3.  $3 \overline{)318}$

4.  $8 \overline{)859}$

5.  $4 \overline{)813}$

6.  $7 \overline{)564}$

7.  $2 \overline{)321}$

8.  $6 \overline{)624}$

9.  $3 \overline{)327}$

10.  $2 \overline{)410}$

11.  $5 \overline{)548}$

12.  $4 \overline{)835}$



**Writing Math** The sea lion show at the zoo has six shows each day. In one day, 654 people saw the sea lion show. What was the average number of people at each show? How do you know? Explain.