

# Lesson 5e: Zeros in the Quotient

**Objective:** Determine when to put zeros in the quotient.

Complete on a separate sheet of paper and turn in to the basket.

**Warm-up:** Solve.

1.  $(3 + 8) + 2$
2.  $5 \times (13 \times 20)$
3.  $75 + (25 + 98)$
4.  $(48 \times 6) \times 0$
5.  $7 + (27 \div 3) \times 4$
6.  $(72 \div 4) + 3^2$
7.  $(42 - 12) \div (3 + 3) + (2 \times 5)$
8.  $679 - (115 - 45) \times 2$

**Learn About It:**

Check:  
Multiply 503 by 5

$$\begin{array}{r} 5 \\ 5 \overline{)2,515} \\ \underline{-25} \\ 0 \end{array}$$

$$\begin{array}{r} 50 \\ 5 \overline{)2,515} \\ \underline{-25} \downarrow \\ 01 \\ \underline{0} \\ 1 \end{array}$$

$$\begin{array}{r} 503 \\ 5 \overline{)2,515} \\ \underline{-25} \downarrow \\ 01 \\ \underline{0} \downarrow \\ 15 \\ \underline{15} \\ 0 \end{array}$$

**Watch Powerpoint: Zeroes in the Quotient**

Practice 4.5

**App on the iPad: Name that Number**

Level 50  
Length 10  
Division



**Homework: Order of Operations (HW 4.5)**