

Name: _____

Date: _____

Mathematics
Dividing Decimals Word Problems

$$\begin{array}{r} 1 \\ 5 \overline{) 68.5} \\ \underline{-5} \\ 1 \end{array}$$

$$\begin{array}{r} 13 \\ 5 \overline{) 68.5} \\ \underline{-5} \\ 18 \\ \underline{-15} \\ 3 \end{array}$$

$$\begin{array}{r} 13.7 \\ 5 \overline{) 68.5} \\ \underline{-5} \\ 18 \\ \underline{-15} \\ 35 \\ \underline{-35} \\ 0 \end{array}$$

**Remember the following steps
to dividing decimals.**

So, $6.85 \div .5 = 13.7$

Read each word problem. Identify the keywords in each problem and then solve each word problem.

1. At 10.2 miles long, Carmichael Road is 8 times the length of Mermaid Boulevard in The Bahamas. What is the length of Mermaid Boulevard?

Keyword: _____ Answer: _____

2. Tom bought 16 gallons of gasoline. It cost \$19.68. What was the price per gallon?

Keyword: _____ Answer: _____

3. It took John 4 hours to drive 23.4 miles in heavy traffic from LPIA to Atlantis, Paradise Island. What is his average speed in miles per hour?

Keyword: _____ Answer: _____

4. The Jones children paid \$2.25 for a package of 25 stickers. How much did each sticker cost?

Keyword: _____ Answer: _____