

**Learning Goal:**

By the end of this lesson I should be able to DIVIDE whole numbers by a decimal number, WITHOUT the use of a calculator (technology).

**Example Strategies:**

Find the Quotient for  $17 \div 4.25$

Group Subtraction

Long Division

$$\frac{17 \times 100}{4.25 \times 100} = \frac{1700}{425}$$

$\begin{array}{r} 4 \\ 4.25 \overline{)17} \\ \underline{-8.5} \quad \textcircled{2} \\ 8.5 \\ \underline{-8.5} \quad \textcircled{2} \\ 0 \end{array}$	—	$\begin{array}{r} 4 \\ 425 \overline{)1700} \\ \underline{-850} \quad 2 \\ 850 \\ \underline{-850} \quad 2 \\ 0 \end{array}$
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**Skills Practice:**

1. Use Long Division or Group Subtraction to divide the following.

(a)  $1.5 \overline{)9}$

(b)  $1.2 \overline{)6}$

(c)  $8.25 \overline{)66}$

(d)  $2.8 \overline{)42}$

(e)  $3.4 \overline{)34}$

(f)  $21.5 \overline{)172}$