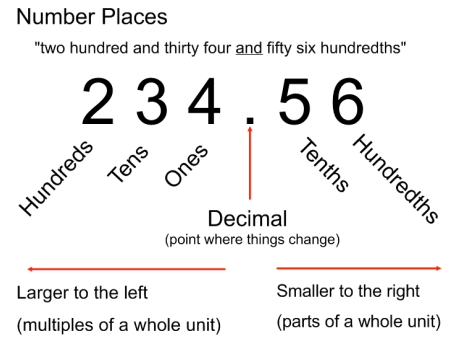


Learning Goal:

By the end of this lesson I should be able to MULTIPLY together two decimal numbers (hundredths), WITHOUT the use of a calculator (technology).

- Multiplying by a decimal that is less than one, product should get smaller. $(6)(0.2) = 1.2$
- Multiplying by a decimal that is larger than one, product should get larger. $(6)(1.2) = 7.2$



Example Strategies: Find the product of $(6.5)(1.5)$

Column Model One

Column Model Two

→ 0.5 is the same as one half

Skills Practice: Find the product of the following:

(a)
$$\begin{array}{r} 8.2 \\ \times 2.4 \\ \hline \end{array}$$

(b)
$$\begin{array}{r} 14.25 \\ \times 3.6 \\ \hline \end{array}$$

(c)
$$\begin{array}{r} 12.48 \\ \times 0.65 \\ \hline \end{array}$$

(d)
$$\begin{array}{r} 4.95 \\ \times 2.75 \\ \hline \end{array}$$

(e)
$$\begin{array}{r} 9.82 \\ \times 3.05 \\ \hline \end{array}$$