

4.3 Decimal Multiplication

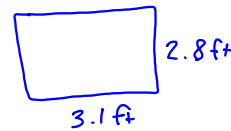
$$\begin{array}{r}
 2.32 \leftarrow 2 \\
 \times 1.4 \leftarrow 1 \\
 \hline
 1928 \\
 2320 \\
 \hline
 3248
 \end{array}$$

3 decimal places

$$\begin{array}{r}
 7.09 \\
 \times 1.04 \\
 \hline
 2836 \\
 0000 \\
 70900 \\
 \hline
 7.3736
 \end{array}$$

If you multiply by a number more than 1, then the product is greater

$$\begin{array}{r}
 3.12 \\
 \times 0.94 \\
 \hline
 1248 \\
 28080 \\
 \hline
 2.9328
 \end{array}$$



$$A = l \cdot w$$

$$8.68 \text{ft}^2$$

$$\begin{array}{r}
 3.1 \\
 \times 2.8 \\
 \hline
 248 \\
 620 \\
 \hline
 8.68
 \end{array}$$

$$\begin{array}{r}
 45.15 \\
 59.40 \\
 \hline
 104.55
 \end{array}$$

$$\begin{array}{r}
 10.5 \\
 \times 4.3 \\
 \hline
 315 \\
 4200 \\
 \hline
 45.15 \\
 4.5ft \\
 13.2 \\
 \times 4.5 \\
 \hline
 660 \\
 5280 \\
 \hline
 59.40
 \end{array}$$

$$y = 1.1$$

$$y^3 = 1.331$$

$$\begin{array}{r}
 1.1 \quad 1 \\
 \times 1.1 \quad 2 \\
 \hline
 11 \\
 110 \\
 \hline
 121 \\
 \times 1.1 \quad 3 \\
 \hline
 121 \\
 1210 \\
 \hline
 1.331
 \end{array}$$

P 183-184
2 - 34 even