

### Multiplying Decimals

We need to follow integer rules when multiplying decimals. If the signs are the same your answer is positive, if the signs are different, the answer is negative.

1.  $(4)(0.623)$

$$\begin{array}{r} 0.623 \\ \times 4 \\ \hline 2492 \end{array}$$

2.  $(1.9)(-2.3)$

$$\begin{array}{r} 2.3 \\ \times 1.9 \\ \hline 207 \\ + 230 \\ \hline -4.37 \end{array}$$

3.  $(-5.32)(-1.4)$

$$\begin{array}{r} 5.32 \\ \times 1.4 \\ \hline 2128 \\ + 5320 \\ \hline 7.448 \end{array}$$

4.  $(2.75)(-1.74)$

$$\begin{array}{r} 2.75 \\ \times 1.74 \\ \hline 1100 \\ 19250 \\ 27500 \\ \hline -4.7850 \end{array}$$

6.  $(-145.6)(2.759)$

$$\begin{array}{r} 145.6 \\ \times 2.759 \\ \hline 13104 \\ 1072800 \\ + 2912000 \\ \hline -401.7104 \end{array}$$

5.  $(-6.425)(-4.73)$

$$\begin{array}{r} 6.425 \\ \times 4.73 \\ \hline 19275 \\ 49750 \\ + 2570000 \\ \hline 30.39025 \end{array}$$

WB p. 106 #s 7 - 9

HW: WB p. 108