

BE-1A

THURSDAY 10-19-06

① $-3(9)$

② $-3 - (9)$

③ $\frac{14}{-2}$

④ $-10(-14)$

⑤ $\left(-\frac{2}{3}\right)^3$

Homework Review Pg. 81 #4-15

Multiplying Decimals

EX) $(-4.15)(3.6)$

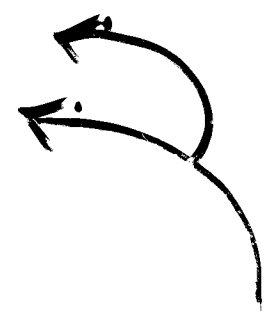
FIRST find THE SIGN OF THE ANSWER.
 Since $(-)(+)$ are different signs AND
SPDN means different signs NEGATIVE,
 the answer is NEGATIVE

SECOND Line up THE DECIMALS, ADD
 EXTRA ZEROS AS NEEDED. Then
 MULTIPLY.

$$\begin{array}{r}
 4.15 \\
 \times 3.6 \\
 \hline
 249'0^0 \\
 124'5 \\
 \hline
 149400
 \end{array}$$

LAST

$$-14.94$$



count places
 to right of
 decimals

$.15 = +20$
 $.60 = +20$

move
 $2+2=4$ places TO LEFT

(2)

$$\text{EX) } (-3.6)(0.4)$$

SPDN $\Rightarrow$ ANSWER IS NEGATIVE

$$\begin{array}{r} 3.6 \\ 0.4 \\ \hline 144 \\ 00 \\ \hline 144 \end{array} \Rightarrow \boxed{-1.44}$$

$$\text{EX) } (2\frac{1}{3})(5\frac{1}{2})$$

$$\frac{7}{3} \cdot \frac{11}{2} = \boxed{\frac{77}{6}}$$

$$\text{EX) } (1.5)^2 \Rightarrow (1.5)(1.5)$$

$$= \boxed{2.25}$$

$$\underline{\text{OR}} \left(1\frac{1}{2}\right)^2$$

$$= \left(\frac{3}{2}\right)^2 = \boxed{\frac{9}{4} = 2\frac{1}{4}}$$

$$\begin{array}{r} 1.5 \\ 1.5 \\ \hline 75 \\ 15 \\ \hline 2.25 \end{array}$$

STOP IF WORKSHEET DONE

3

Pg. 81 # 16 to 30

⊕ WRITE PROBLEM



SHOW WORK

BOX ANSWER