

Math 7 Notes (x ÷ Decimals)

$$\begin{array}{r} 125. \text{ (1)} \\ \times 0.06 \text{ (2)} \\ \hline 7.50 \text{ (2)} \\ \hline 7.5 \text{ (1)} \end{array}$$

-0.25×-0.0006

↓

Answer pos
+

$$\begin{array}{r} 0.25 \text{ (2)} \\ \times 0.0006 \text{ (4)} \\ \hline 150 \text{ (6)} \\ \hline \end{array}$$

0.000150
OP
0.00015

$-6.4 \times 1.09 \rightarrow$ Answer neg
-

$$\begin{array}{r} 1.09 \text{ (2)} \\ \times 6.4 \text{ (1)} \\ \hline 436 \\ 6540 \\ \hline 6.976 \text{ (3)} \\ \hline -6.976 \text{ (OP)} \end{array}$$

$$\begin{array}{r} 6.4 \text{ (1)} \\ \times 1.09 \text{ (2)} \\ \hline 576 \\ 6400 \\ \hline 6.976 \text{ (6)} \end{array}$$

$-330 \div 1.1 \rightarrow$ Ans. neg
-

$$\begin{array}{r} 1.1 \overline{) 330.0} \\ \underline{300} \\ 300 \\ \underline{330} \\ 0 \end{array}$$

-300

$43.8 \div 0.02$

2190

$$\begin{array}{r} 0.02 \overline{) 43.8} \\ \underline{2190} \\ 4380 \\ \underline{4380} \\ 0 \end{array}$$

$-0.006 \div -1.2 \rightarrow$ Answer

$1.2 \overline{) 0.006} \rightarrow 12 \overline{) 0.060}$
 $\begin{array}{r} 0.005 \text{ Pos} \\ \underline{60} \\ 0 \end{array}$

0.005

Practice

$$-92 \times 1.06$$

Ans neg

$$\begin{array}{r} 1.06 \text{ (2)} \\ \times 92. \text{ (0)} \\ \hline 212 \\ 9540 \\ \hline 97.52 \text{ (2)} \end{array}$$

-97.52

$$2.4 \div 0.06$$

$$\begin{array}{r} 0.06 \overline{) 2.4} \\ \underline{40} \\ 6 \overline{) 240} \\ \underline{24} \\ 40 \end{array}$$

$$(-1.2)^2 = (-1.2)(-1.2)$$

Ans. pos.

1.44

$$\begin{array}{r} 1.2 \text{ (1)} \\ \times 1.2 \text{ (1)} \\ \hline 24 \\ 120 \\ \hline 1.44 \text{ (2)} \end{array}$$

$$5.624 \div 0.4$$

$$\begin{array}{r} 0.4 \overline{) 5.624} \\ \underline{14.06} \\ 4 \overline{) 56.24} \\ \underline{4} \quad \downarrow \downarrow \\ \underline{16} \quad \downarrow \downarrow \\ \underline{24} \end{array}$$

14.06