

Homework #19 - Dividing Decimals

Find the Quotient

<p>1) $0.7 \div 0.02$</p> <p><u>35</u></p> $\begin{array}{r} 35. \\ 02 \overline{) 070} \\ \underline{60} \\ 10 \\ \underline{10} \\ 0 \end{array}$	<p>2) $-36.6 \div 0.12$</p> <p><u>-305</u></p> $\begin{array}{r} 305. \\ 12 \overline{) 3660} \\ \underline{36} \\ 06 \\ \underline{06} \\ 060 \\ \underline{60} \\ 0 \end{array}$
<p>3) $-2.92 \div 0.08$</p> <p><u>-36.5</u></p> $\begin{array}{r} 36.5 \\ 08 \overline{) 292.0} \\ \underline{24} \\ 52 \\ \underline{48} \\ 40 \\ \underline{40} \\ 0 \end{array}$	<p>4) $-12 \div (-1.5)$</p> <p><u>8</u></p> $\begin{array}{r} 8. \\ 15 \overline{) 120} \\ \underline{120} \\ 0 \end{array}$

5) On Wednesday, the stock market dropped by \$1,237.50 over the course of 5.5 hours. If the stock market dropped at a constant rate, by how much did the stock market drop per hour?

$-1237.50 \div 5.5$

\$225 per hr.

$$\begin{array}{r} 225. \\ 5.5 \overline{) 1237.50} \\ \underline{110} \\ 137 \\ \underline{110} \\ 275 \\ \underline{275} \\ 0 \end{array}$$

Review: Add or Subtract

6) $2\frac{1}{4} + (-1\frac{3}{8})$

$$\frac{9}{4} + (-\frac{11}{8})$$

$$\frac{18}{8} + (-\frac{11}{8})$$

$-\frac{1}{8}$

7) $-1\frac{1}{5} - 2\frac{1}{4}$

$$\frac{-6}{5} + (-\frac{9}{4})$$

$$\frac{-24}{20} + (-\frac{45}{20}) = -\frac{69}{20}$$

$-3\frac{9}{20}$

8) $-2\frac{4}{9} - (-1\frac{1}{3})$

$$\frac{-22}{9} + \frac{4}{3} \times \frac{3}{3}$$

$$\frac{-22}{9} + \frac{12}{9} = -\frac{10}{9}$$

$-\frac{10}{9}$