

Decimals Review

Date 10/4/5

Evaluate each expression.

$$1) (-11.9) + 3.9$$

$$\begin{array}{r} 11.9 \\ - 3.9 \\ \hline 8.0 \end{array}$$

-8

$$2) (-6.1) + (-10.2)$$

$$\begin{array}{r} 10.2 \\ + 6.1 \\ \hline 16.3 \end{array}$$

-16.3

$$3) (-8) - 4.669$$

$$\begin{array}{r} 8.000 \\ + 4.669 \\ \hline 12.669 \end{array}$$

-12.669

$$4) (-1.66) + 6.4$$

$$\begin{array}{r} 5.12 \\ 6.40 \\ - 1.66 \\ \hline 4.74 \end{array}$$

4.74

$$5) 8.71 - 4.8$$

$$\begin{array}{r} 8.71 \\ - 4.80 \\ \hline 3.91 \end{array}$$

3.91

$$6) (-7.3) - 4.5$$

$$\begin{array}{r} 7.3 \\ + 4.5 \\ \hline 11.8 \end{array}$$

-11.8

$$7) (-12) - (-10.2)$$

$$\begin{array}{r} 12.0 \\ - 10.2 \\ \hline 1.8 \end{array}$$

-1.8

$$8) 9 - (-11.5)$$

$$\begin{array}{r} 11.5 \\ + 9.0 \\ \hline 20.5 \end{array}$$

20.5

$$9) 2.5 + (-7.8)$$

$$\begin{array}{r} 2.5 \\ - 7.8 \\ \hline 5.3 \end{array}$$

-5.3

$$10) (-9.93) - (-2.2)$$

$$\begin{array}{r} 9.93 \\ - 2.20 \\ \hline 7.73 \end{array}$$

-7.73

Find each product.

$$11) -5.3 \cdot -5.3$$

$$\begin{array}{r} 5.3 \\ \times 5.3 \\ \hline 159 \\ + 2650 \\ \hline 2809 \end{array}$$

28.09

$$12) 8.35 \cdot -4.8$$

$$\begin{array}{r} 8.35 \\ \times 4.8 \\ \hline 6680 \\ + 33400 \\ \hline 40080 \end{array}$$

-40.080

$$13) 2.1 \cdot 0.24$$

$$\begin{array}{r} 2.1 \\ \times .24 \\ \hline 84 \\ 420 \\ \hline 504 \end{array}$$

0.504

$$14) 5.8 \cdot 7.101$$

$$\begin{array}{r} 7.101 \\ \times 5.8 \\ \hline 56808 \\ 355050 \\ \hline 411858 \end{array}$$

41.1858

Find each quotient.

$$15) \frac{5}{7.4}$$

$$\begin{array}{r} 0.6756 \\ 74 \overline{) 50.0000} \\ \underline{-444} \\ 560 \\ \underline{-518} \\ 420 \\ \underline{-370} \\ 500 \end{array}$$

0.675

$$16) \frac{-8.7}{-1.5}$$

$$\begin{array}{r} 5.8 \\ 15 \overline{) 87.000} \\ \underline{-75} \\ 120 \\ \underline{-120} \\ 0 \end{array}$$

5.8

$$17) -6.5 \div 1.6$$

$$18) 9.6 \div -4.4$$

Separate SheetSeparate Sheet

$$\begin{array}{r}
 4.0625 \\
 16 \overline{) 65.00000} \\
 \underline{-64} \\
 10 \\
 \underline{-0} \\
 100 \\
 \underline{-96} \\
 40 \\
 \underline{-32} \\
 80
 \end{array}$$

-4.0625

$$\begin{array}{r}
 2.1818 \\
 44 \overline{) 96.0000} \\
 \underline{-88} \\
 80 \\
 \underline{-44} \\
 360 \\
 \underline{-352} \\
 80 \\
 \underline{-44} \\
 360
 \end{array}$$

-2.18

$$\begin{array}{r}
 59.8 \\
 25 \overline{) 1495.000} \\
 \underline{-125} \\
 245 \\
 \underline{-225} \\
 200 \\
 \underline{-200} \\
 0
 \end{array}$$

59.8 mi/hr