Name: L02 ☺ 19/9

Decimal Division

a. $245.3 \div 5 = 49.06$

$$
\begin{array}{r}
49.06 \\
5\overline{\smash{)}245.3} \\
-20\downarrow \\
\hline
45 \\
-45 \\
\hline
030 \\
-30 \\
\hline
0
\end{array}
$$

b. $4.08 \div 2 = 2.04$

$$
\begin{array}{r}
2.04 \\
2\overline{\smash{)}4.08} \\
-4\downarrow\downarrow \\
\hline
08 \\
-8 \\
\hline
0
\end{array}
$$

c. $62.80 \div 4 = 15.7$

$$
\begin{array}{r}
15.7 \\
4\overline{\smash{)}62.80} \\
-4\downarrow \\
\hline
22 \\
-20\downarrow \\
\hline
28 \\
-28 \\
\hline
0
\end{array}
$$

d. $133.2 \div 6 = 22.2$

$$
\begin{array}{r}
22.2 \\
6\overline{\smash{)}133.2} \\
-12\downarrow \\
\hline
13 \\
-12\downarrow \\
\hline
12 \\
-12 \\
\hline
0
\end{array}
$$

e. $6.813 \div 9 = 0.757$

$$
\begin{array}{r}
0.757 \\
9\overline{\smash{)}6.813} \\
-63\downarrow\downarrow \\
\hline
51 \\
-45\downarrow \\
\hline
63 \\
-63 \\
\hline
0
\end{array}
$$

f. $324.6 \div 3 = 108.2$

$$
\begin{array}{r}
108.2 \\
3\overline{\smash{)}324.6} \\
-3\downarrow\downarrow \\
\hline
024 \\
-24\downarrow \\
\hline
06 \\
-6 \\
\hline
0
\end{array}
$$

g. $757.6 \div 8 = 94.7$

$$
\begin{array}{r}
94.7 \\
8\overline{\smash{)}757.6} \\
-72\downarrow \\
\hline
37 \\
-32\downarrow \\
\hline
56 \\
-56 \\
\hline
0
\end{array}
$$

h. $0.049 \div 7 = 0.007$

$$
\begin{array}{r}
0.007 \\
7\overline{\smash{)}0.049} \\
-0\downarrow \\
\hline
0 \\
-0\downarrow \\
\hline
049 \\
-49 \\
\hline
0
\end{array}
$$

i. $9.346 \div 2 =$

$$
\begin{array}{r}
4.673 \\
2\overline{\smash{)}9.346} \\
-8\downarrow \\
\hline
13 \\
-12\downarrow \\
\hline
14 \\
-14\downarrow \\
\hline
06 \\
-6 \\
\hline
0
\end{array}
$$

⑥

Divide.

6.
$$\begin{array}{r} 2.3 \\ 4\overline{)9.2} \\ -8\downarrow \\ \hline 12 \\ -12 \\ \hline 0 \end{array}$$

7.
$$\begin{array}{r} 3.7 \\ 5\overline{)18.5} \\ -15\downarrow \\ \hline 35 \\ -35 \\ \hline 0 \end{array}$$

8.
$$\begin{array}{r} 3.2 \\ 8\overline{)25.6} \\ -24\downarrow \\ \hline 16 \\ -16 \\ \hline 0 \end{array}$$

9.
$$\begin{array}{r} 0.06 \\ 9\overline{)0.54} \\ -0\downarrow \\ \hline 054 \\ -54 \\ \hline 0 \end{array}$$

10.
$$\begin{array}{r} 11.33 \\ 3\overline{)33.99} \\ -3\downarrow \\ \hline 03 \\ -3\downarrow \\ \hline 09 \\ -9\downarrow \\ \hline 09 \\ -9 \\ \hline 0 \end{array}$$

11.
$$\begin{array}{r} 5.88 \\ 7\overline{)41.16} \\ -35\downarrow \\ \hline 61 \\ -56\downarrow \\ \hline 56 \\ -56 \\ \hline 0 \end{array}$$

Divide.
Round each quotient to the nearest tenth.

12. $3.15 \div 4 = 0.8$
$$\begin{array}{r} 0.7875 \\ 4\overline{)3.15} \\ -28\downarrow \\ \hline 35 \\ -32 \\ \hline 30 \\ -28 \\ \hline 20 - 20 = 0 \end{array}$$
$0.7875 = 0.8$

13. $4.17 \div 6 = 0.7$
$$\begin{array}{r} 0.695 \\ 6\overline{)4.17} \\ -36\downarrow \\ \hline 57 \\ -54 \\ \hline 30 \\ -30 \\ \hline 0 \end{array}$$

Divide.
Round each quotient to the nearest hundredth.

14. $7.78 \div 3 = 2.59$
$$\begin{array}{r} 2.59 \\ 3\overline{)7.78} \\ -6\downarrow \\ \hline 17 \\ -15\downarrow \\ \hline 28 \\ -27 \end{array}$$
$2.591 = 2.59$

15. $14.59 \div 7 = 2.08$
$$\begin{array}{r} 2.083 \\ 7\overline{)14.59} \\ -14\downarrow\downarrow \\ \hline 059 \\ -56 \\ \hline 3 \end{array}$$
$2.083 = 2.08$