Lesson 1.10 Dividing by Two Digits

Multiply the divisor and dividend by 10, by 100, or by 1,000 so the divisor is a whole number.

$$3.5\overline{)14.0} = 3.5\overline{)140}$$
Multiply
by 10.

$$\begin{array}{r} 4 \\ 3.5\overline{)140} \\ -140 \\ \hline 0 \end{array}$$

$$0.42\overline{)16.80} = 42\overline{)1680}$$
Multiply
by 100.

$$\begin{array}{r} 40 \\ 42\overline{)1680} \\ -168 \\ \hline 0 \end{array}$$

$$0.027\overline{)8.100} = 27\overline{)8100}$$
Multiply
by 1,000.

$$\begin{array}{r} 300 \\ 27\overline{)8100} \\ -8100 \\ \hline 0 \end{array}$$

Divide.

	a	**b**	**c**	**d**
1.	$2.3\overline{)5.06}$	$3.4\overline{)289}$	$5.2\overline{)2.08}$	$7.2\overline{)10.8}$
2.	$0.45\overline{)18}$	$0.22\overline{)1.166}$	$0.63\overline{)25.2}$	$0.98\overline{)63.7}$
3.	$0.032\overline{)96}$	$0.015\overline{)0.45}$	$0.068\overline{)0.017}$	$0.012\overline{)0.0144}$
4.	$2.4\overline{)0.96}$	$0.62\overline{)24.8}$	$0.016\overline{)0.08}$	$0.85\overline{)5.1}$