One-Digit Quotients

Find \(193 \div 62\).

**Step 1**
Use a basic fact and multiples of 10 to decide where to place the first digit in the quotient.
\[
\begin{align*}
193 &\div 62 \\
\downarrow &\downarrow \\
180 &\div 60 = 3
\end{align*}
\]
An estimate for the quotient is 3.

**Step 2**
Write 3 in the ones place in the quotient. Then divide.
\[
\[
\begin{array}{c|c}
62 & 193 \\
\hline
186 & \\
\hline
7 & \\
\end{array}
\]
So, the quotient is 3 R7.

**Step 3**
Check your answer. Multiply. Then add.
\[
62 \times 3 = 186 + 7 = 193
\]

Estimate to decide where to place the first digit. Then divide.

1. \(41\underline{124}\)  
2. \(88\underline{271}\)  
3. \(39\underline{161}\)

4. \(78\underline{553}\)  
5. \(24\underline{146}\)  
6. \(37\underline{189}\)

7. \(92\underline{369}\)  
8. \(52\underline{326}\)  
9. \(63\underline{381}\)

10. \(49\underline{300}\)  
11. \(87\underline{702}\)  
12. \(91\underline{550}\)