Lesson 29: Quiz 2 – One Place Division with Larger Numbers

1. For the division problem shown below, we have shown part of the answer for you. The complete answer is \(42 \underline{\hspace{2cm}} R \ 1\)

\[
\begin{array}{c}
42 \\
4 \overline{1701} \ R 1 \\
-16 \\
-10 \\
-8 \\
21 \\
-20 \\
1 \\
\end{array}
\]

2. For the division problem shown below, we have shown part of the answer for you. The complete answer is \(7 \underline{\hspace{2cm}} R \underline{\hspace{2cm}}\)

\[
\begin{array}{c}
7 \\
2 \overline{1563} \\
-14 \\
16 \\
-16 \\
03 \\
-2 \\
1 \\
\end{array}
\]

Let's try some on our own!

**Directions:** Solve these division problems. Record your answers as shown in the examples. Remember your steps: Divide, multiply, subtract and bring down. Express your remainders as \(R\) and the number left after the last subtraction.

<table>
<thead>
<tr>
<th>Example 1</th>
<th>Example 2</th>
</tr>
</thead>
</table>
| \[
\begin{array}{c}
45 \\
8 \overline{365} \ R 5 \\
-32 \\
45 \\
40 \\
5 \\
\end{array}
\] |
| \[168 \]
| \[
\begin{array}{c}
5 \overline{340} \\
-5 \\
30 \\
40 \\
0 \\
\end{array}
\] |

The answer is **45 R5** The answer is **168**
3. $2\sqrt{483}$

4. $7\sqrt{247}$

5. $3\sqrt{881}$

6. $8\sqrt{964}$

7. $2\sqrt{726}$

8. $4\sqrt{973}$

9. $5\sqrt{362}$

10. $4\sqrt{739}$