Name _____   Date _____

Simple Division with Remainders- Guided Lesson Explanation

The amount which left over after division is known as remainder. When writing the answer to a quotient with a remainder. We write it as:

 (Amount that can evenly be divided) ("remainder") (amount left over)

Explanation#1

Here we divide 15 by 5. This goes in three times evenly.

$$
\begin{array}{r}
3 \\
5{\overline{)15}} \\
\underline{15} \\
0
\end{array}
$$

After division we get remainder that is 0

So the answer is 5 r 0

Explanation#2

Here we divide 23 by 7. This goes in evenly 3 times, but leaves a remainder of 2.

$$
\begin{array}{r}
3 \\
7{\overline{)\,23}} \\
\underline{21} \\
2
\end{array}
$$

After division we will get the remainder that is 2.

So the answer is 3 r 2

Explanation#3

Here we divide 10 by 4. This goes in evenly 2 times and leaves a remainder of 2.

$$
\begin{array}{r}
2 \\
4\overline{)10} \\
\underline{8} \\
2
\end{array}
$$

After division we will get the remainder that is 2

So the answer is 2 r 2.