Consider the following data set.

\begin{verbatim}
51.4  50.5  52.5  41.3  53.0  41.5  48.9  42.3  49.2  43.0  43.1  51.8  43.8  50.6  44.2  50.2  43.3  50.6  43.9  51.1  40.1  44.8  32.3  49.8  41.3  49.5  40.7  62.3  52.7  50.1
\end{verbatim}

1. Make a stemplot with 2-digit stems.

2. Does this data set have any outliers? Explain.
3. Round each number to two digits, and write them below.

$$
\begin{array}{cccccc}
51.4 & 50.5 & 52.5 & 41.3 & 53.0 \\
41.5 & 48.9 & 42.3 & 49.2 & 43.0 \\
43.1 & 51.8 & 43.8 & 50.6 & 44.2 \\
50.2 & 43.3 & 50.6 & 43.9 & 51.1 \\
40.1 & 44.8 & 32.3 & 49.8 & 41.3 \\
49.5 & 40.7 & 62.3 & 52.7 & 50.1 \\
\end{array}
$$

4. Using the rounded data, make a stemplot with 1-digit stems.

5. Compare and contrast the two stemplots for the same data. Which do you prefer? Why?