

Name \_\_\_\_\_

Date \_\_\_\_\_

## Estimating Sums and Differences Lesson and Practice

Estimate the difference of the problem.

$$\begin{array}{r} 36 \\ + 22 \\ \hline \\ \hline \end{array}$$

### Step 1: Round to the nearest ten

In order to round off number to nearest tens, first determine which digit is to be rounded - now look at the digit to the right of this. In this case the tens digit will be rounded and the ones digit will become zero.

3. If **the digit that becomes zero is 0, 1, 2, 3, or 4**, that digit becomes a zero and the digit to be rounded (the digit immediately to the left of it) remains the same.
4. If **the digit that becomes zero is 5, 6, 7, 8 or 9**, that digit becomes a zero and the digit to be rounded is increased by one.

Rounding 36 gives 40

Rounding 22 gives 20

### Step 2: Perform the subtraction

$$\begin{array}{r} 40 \\ - 20 \\ \hline 20 \\ \hline \end{array}$$

Practice Problems.

$$\begin{array}{r} 57 \\ 1 \quad - \quad 46 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ 2 \quad - \quad 21 \\ \hline \\ \hline \end{array}$$

