

Name: \_\_\_\_\_

## Find the Mistakes

- a. There is a mistake in the way this math problem was solved.

$$\begin{array}{r} \overset{1}{3}, \overset{1}{4} \overset{1}{8} 7 \\ + 2, 4 4 4 \\ \hline 6, 9 3 1 \end{array}$$

Solve the math problem correctly.

Explain the error. \_\_\_\_\_

- b. There is a mistake in the way this math problem was solved.

$$\begin{array}{r} \overset{1}{2}, 3 8 7 \\ + 6 4 9 \\ \hline 8, 8 7 7 \end{array}$$

Solve the math problem correctly.

Explain the error. \_\_\_\_\_

# ANSWER

## Find the Mistakes

- a. There is a mistake in the way this math problem was solved.

$$\begin{array}{r} \overset{1}{3}, \overset{1}{4} \overset{1}{8} 7 \\ + 2, 4 4 4 \\ \hline 6, 9 3 1 \end{array}$$

Solve the math problem correctly.

$$\begin{array}{r} \overset{1}{3}, \overset{1}{4} \overset{1}{8} 7 \\ + 2, 4 4 4 \\ \hline 5, 9 3 1 \end{array}$$

Explain the error. The person who solved this problem carried a 1 into the thousands place, over the digit 3. In the hundreds place,  $4 + 4 + 1 = 9$ .

Therefore, you do not carry (regroup) by placing a 1 in the thousands place.

- b. There is a mistake in the way this math problem was solved.

$$\begin{array}{r} \overset{1}{2}, 3 8 7 \\ + 6 4 9 \\ \hline 8, 8 7 7 \end{array}$$

Solve the math problem correctly.

$$\begin{array}{r} \overset{1}{2}, \overset{1}{3} \overset{1}{8} 7 \\ + \quad 6 4 9 \\ \hline 3, 0 3 6 \end{array}$$

Explain the error. The problem was not lined up correctly when it was written. In the number 649, the 6 should be in the hundreds column (below the 3), the 4 should be in the tens column (below the 8), and the 9 should be in the ones column (below the 7).