

Name _____

Date _____

Estimate Sums - Guided Lesson Explanation

First we have to keep 2 things in mind while round off numbers the nearest ten:

1. 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.
2. 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.

Explanation#1

$$\begin{array}{r} \text{So } 18 \quad + \quad 24 \\ \downarrow \quad \quad \downarrow \\ 20 \quad + \quad 20 \end{array}$$

Now add the numbers

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

Explanation#2

$$\begin{array}{r} \text{So } 56 \quad + \quad 27 \\ \downarrow \quad \quad \downarrow \\ 60 \quad + \quad 30 \end{array}$$

Now add the numbers

$$\begin{array}{r} 60 \\ + 30 \\ \hline 90 \\ \hline \end{array}$$



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Explanation#3

$$\begin{array}{r} \text{So } 32 \quad + \quad 14 \\ \downarrow \quad \quad \downarrow \\ 30 \quad + \quad 10 \end{array}$$

Now add the numbers

$$\begin{array}{r} 30 \\ + 10 \\ \hline 40 \\ \hline \end{array}$$

