

Name: Key
5th Grade Notes 5.2 Estimate Sums and Differences p. 309

- 1.) underline the number in the place you're rounding to
 - 2.) draw an arrow to the number to the right of it
 - 3.) that number tells you what to do:
 - A.) 5 or more, raise the score
(the number goes up by one)
 - B.) 4 or less, let it rest
(the number doesn't change)
 - 4.) every number to the left of the place stays the same
 - 5.) every number to the right of the place becomes zero
- * "Round to the nearest whole number" means round to the nearest ones

Ex: Round to the nearest:

Whole number: 38.52 \rightarrow 39.00 = 39

Ones: 58.47 \rightarrow 58

Tenths: 9.23 \rightarrow 9.2

Tenths: 80.97 \rightarrow 81

Hundredths: 100.564 \rightarrow 100.56

To estimate sums and differences:

Round to the nearest place indicated, then add or subtract your

rounded number (set up vertically).

** Don't solve, then round the answer, Round, then solve.*

Ex: Estimate by rounding to the nearest ten: $37.6 - 31.3$

$$\begin{array}{r} \downarrow \\ 37.6 \rightarrow 40 \\ - \downarrow \\ 31.3 \rightarrow 30 \\ \hline 10 \end{array}$$

Ex: Estimate by rounding to the nearest one: $5.26 + 1.93$

$$\begin{array}{r} \downarrow \\ 5.26 \rightarrow 5 \\ + \downarrow \\ 1.93 \rightarrow 2 \\ \hline 7 \end{array}$$