

Name: Key

5th Grade Notes 5.6 & 5.10 Add & Subtract Decimals p. 335 & 361

1. to add or subtract decimals, you must line up place value just like you would to compare decimals

2. add or subtract normally (vertically; pretend the decimal point isn't there)

3. put the decimal point in the answer by lining it up with the other decimal points

Ex: $3.72 + 3.9$

$$\begin{array}{r} 3.72 \\ + 3.90 \leftarrow \text{add zero} \\ \hline 7.62 \end{array}$$

line up dec. pt.

Ex: $21 - 1.7$ ← if no dec. pt., it's after the ones place

$$\begin{array}{r} 21.0 \leftarrow \text{add dec. pt. \& zero} \\ - 1.7 \\ \hline 19.3 \end{array}$$

add zero

Ex: $1.8 + 2.2$

$$\begin{array}{r} 1.8 \\ + 2.2 \\ \hline 4.0 = 4 \end{array}$$

↑ drop end zero & dec. pt.

Ex: $4.8 - 4.3$

$$\begin{array}{r} 4.8 \\ - 4.3 \\ \hline 0.5 = .5 \end{array}$$

↑ drop front zero, keep dec. pt.