Guided Notes

3.1 Add and Subtract Decimals (6.NS.3)

- **Adding Decimals** – to add decimals, __line__ up the decimal point. You want the same place values lined up. Then, __add__ digits in the same place-value position.

- **Subtracting Decimals** – to subtract decimals __line__ up the decimal point. Then, subtract digits in the same place-value position. You may need to __annex__ or place zeros at the end of a decimal, in order to subtract.

Guided Practice:

1.) $14.7 + 87.9$

$$\begin{array}{r} {}^{1}14.7 \\ + 87.9 \\ \hline 102.6 \end{array}$$

2.) $66.5 - 24.1$

$$\begin{array}{r} 66.5 \\ - 24.1 \\ \hline 42.4 \end{array}$$

3.) $52.1 - 31.47$ ✓

annex

$$\begin{array}{r} 5\overset{1}{2}.\overset{10}{1}\overset{1}{0} \\ - 31.47 \\ \hline 20.63 \end{array}$$

4.) $15 - 7.34$ annex

$$\begin{array}{r} {}^{0}1\overset{14}{5}.\overset{9}{0}\overset{1}{0} \\ - 7.34 \\ \hline 7.66 \end{array}$$

5.) Grayson is making a snack mix for his family camping trip. He added (14.52) ounces of peanuts to (27.35) ounces of granola. How many ounces of snack mix does he have?

$$\begin{array}{r} {}^{1}14.52 \\ + 27.35 \\ \hline 41.87 \end{array}$$

Grayson has 41.87 ounces of snack mix.

Building on the Essential Question – Why do we line up the decimal points when adding and subtracting decimals?

We line up the decimals so the place values match up.

Rate Yourself!

_____ I understand how to add and subtract decimals.

_____ I still have questions about adding and subtracting decimals.