Name_____Date_____

Adding and Subtracting Decimals

Vocabulary:

Sum:	Difference:
the answer to an addition problem	the answer to a subtraction problem

EXAMPLE 1:

Find the following sum.

54.6 + 95.367

$54 + 95$

STEPS:

$$55 + 95 = 150$$
$$50 + 100 = 150$$

1. Estimate the sum.

2. Line up the decimals in a column so the digits are lined up by place value.

3. Add zeros in as placeholders so that each number has the same number of decimal places.

4. Add the two numbers together.

5. Drop the decimal point in the sum.

6. Check your sum with your estimate to make sure it is reasonable.

NOTES: CC.6.NS.3

EXAMPLE 2:

Find the following difference.

78.21 - 35.2479

$$78 - 35 = 43$$

$$78.2100$$
$$-35.2479$$
$$42.9621$$

$$35.2479$$
$$+ 42.9621$$
$$78.2100$$

STEPS:

1. Estimate the difference. $70 - 35 = 35$
   $$80 - 40 = 40$$

2. Line up the decimals in a column so the digits are lined up by place value.

3. Add zeros in as placeholders so that each number has the same number of decimal places.

4. Subtract the two numbers together.

5. Drop the decimal point in the difference.

6. Check your difference with your estimate to make sure it is reasonable.