

MATHEMATICAL PRACTICE #2:

Reason abstractly & quantitatively.

IN PROBLEM SITUATIONS, I CAN MAKE SENSE OF QUANTITIES & THEIR RELATIONSHIPS

DECONTEXTUALIZE

I can take numbers **OUT** of a word problem and make sense of them to solve a problem.

FOR EXAMPLE:

“I worked 8.5 hours each day for 5 days. How long did I work?”

$$8.5 \times 5 = 42.5 \text{ hours}$$

CONTEXTUALIZE

I can take numbers and put them **IN** context, in a real world problem.

FOR EXAMPLE:

“I bought 8 apples for \$6.00. How much does one apple cost?”

$$\$6 \div 8 = 0.75$$

MY HABITS OF MIND:

- I can explain what the problem means.
- I pay attention to the units.
- I don't just compute the problem; I know the meaning of the vocabulary.
- I can use & explain the properties of numbers.

