

NAME: _____ DATE: _____ CLASS: _____

GIMNASIO CAMPESTRE
Math 4th grade
Decimal evaluation

1. Solve the following word problem using the polya chart below. (IM1 and IM2)

Aida buys 6 cookies. The total amount of sugar in all the cookies is 201.84g. How much sugar is in each cookie?

Understand

Plan

Solve

Check

ANSWER: _____

2. Decide if the following number problems are **reasonable or unreasonable**. Then, **JUSTIFY** your answer using one of the three strategies we learned in class. (CT1 and CT2)

| Question | Reasonable? | Unreasonable? |
|--|-------------|---------------|
| $35.9 \div 6 = 5.98$ | | |
| $79.01 \div 3 = 104.6$ | | |
| $624.66 \div 2 = 312.33$ | | |

3. Complete the table by expanding the numbers with decimals and with fractions.
(C1)

| <u>Standard form</u> | <u>Expanded with decimals</u> | <u>Expanded with fractions</u> |
|----------------------|-------------------------------|--------------------------------|
| 7.1 | | |
| 3.06 | | |
| 5.555 | | |

4. Use the items available in the candy shop to **create and solve** your own decimal word problem.


