

Name _____

Date _____

Math _____

Math Journal Notes

Math Group

Problem: Jenny invited seven of her friends to a party. She will need to change her recipe for making salsa to feed all of her friends.

Salsa Recipe: (Serves four)

1 large onion

2 cans whole tomatoes, crushed

1 $\frac{1}{2}$ jalapeno peppers, seeded

$\frac{3}{4}$ Tablespoon ground cumin

$\frac{1}{2}$ bunch cilantro

2 cloves garlic

$\frac{1}{4}$ teaspoon salt

1 Tablespoon Olive Oil

Explore: I know that...

- 1) Write all of the math facts written in the problem.
- 2) Write any other facts you may know from your own knowledge. Ex: A math formula.
- 3) The last step in this section is to restate the problem that is asked.

Plan: First, I will...

- 1) In this section, you will write a step-by-step procedure for solving the problem. Each statement should tell what you will do mathematically and why you are doing it.
- 2) DO NOT do any math calculations in this section.
- 3) The last step in this section is to make an estimate of the final answer and explain what you did to make the estimate.

Solve:

- 1) In this section, you “do the math” in an organized fashion.
- 2) Use labels to show what you are finding in each section of work.
- 3) Include all units of measurement.
- 4) The last step in this section is to re-state your final answer.

Examine:

- 1) In this section you will explain whether your answer makes any sense.

Ex: If you were finding the average of five numbers and your answer was a number larger than any of the five numbers, would that make any sense?

Ex: If your answer fell between the smallest and largest numbers, would that make any sense?

You could also compare your answer to your estimate in order to explain if it makes sense.