

Name _____

Problem:

You have 3 friends coming over. You want to give each person 3 sodas. How many sodas do you need?

Solve the problem.

How many friends?

How many sodas for each friend?

How many sodas need to buy?

X

=

Check your answer by giving each friend 3 sodas.

Friend 1

| | | |
|--|--|--|
| | | |
|--|--|--|

Friend 2

| | | |
|--|--|--|
| | | |
|--|--|--|

Friend 3

| | | |
|--|--|--|
| | | |
|--|--|--|

Algebra I EO: A.2 - The student will translate word phrases or sentences into expressions and simplify/evaluate a simple linear equation.

This activity is designed to allow students to translate a sentence into a mathematical expression and to evaluate that equation.

Instructions:

Make sure Boardmaker is in Design mode (press CTRL + D or ESC to change to Design mode).

Print the worksheet and manipulatives (*not all students will need the manipulatives. Encourage your student to write their numbers if able!)

Allow student to cut apart manipulatives and/or cut them out for the student.

Allow the student to tape, glue or otherwise place/write the manipulative in the correct spot on the worksheet.

**For students with physical disabilities, you can place the manipulatives on a communication device, have an assistant point to an answer box on the worksheet and ask the student to choose the correct answer from their communication device. The assistant then moves student's choice to the diagram and secures it in place (velcro, tape, glue). You can also use the high tech version of this activity which is modified for switch access.

**You can also print and laminate the worksheet and manipulatives and use velcro to create an activity that can be used over and over by multiple students. You will need approximately 15" hard/hook velcro and 6"soft velcro to assemble all three worksheets.

If needed, Use these numbers to complete the equation

| | | | | |
|---|---|---|---|----|
| 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 |
| 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 |

If needed, use these manipulatives to give each friend 3 sodas

