

Determining Reasonableness of Solutions (System of Equations)

Name:

Date:

Vocabulary Review:

In your own words, define each of the following vocabulary terms.

- Elimination
- Intersecting Lines
- Linear Function
- Rate of Change
- Reasonableness
- Solution
- Substitute
- System of Linear Equations

Apply New Learning:

1. Alisha has practiced her instrument 21 hours this summer. She plans to practice one hour each day for the rest of the summer. Eldridge just started practicing, and plans to practice four hours a day for the rest of the summer. Write and solve a system of equations to find how long it will be before they will have practiced the same number of hours.

2. Del is selling candy for a fundraiser. She spent \$240 on the candy. She is selling the candy for \$4 each. How much candy will Del need to sell to break even?