Formulating Systems of Equations (Verbal → Symbolic)

Name:

Date:

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

- System of Equations

- Sum

- Difference

- Quotient

- Product

Apply New Learning:

Choose three sets of equations from the table below.

$\begin{cases} 2x+3y=6 \\ y=2x-6 \end{cases}$	$\begin{cases} 2x+6y=3 \\ y=2x-6 \end{cases}$	$\begin{cases} x+y=8 \\ 5x+3y=6 \end{cases}$	$\begin{cases} x+y=6 \\ 5x+3y=8 \end{cases}$
$\begin{cases} 2x+3y=6 \\ y=6-2x \end{cases}$	$\begin{cases} 2x+6y=6 \\ y=6-2x \end{cases}$	$\begin{cases} x+y=8 \\ 5x+6y=3 \end{cases}$	$\begin{cases} x+y=6 \\ 5x+6y=3 \end{cases}$

1. Write a word problem for each set of equations you have chosen.

	Equations	Word Problem
1		
2		
3		

2. If possible, ask someone else to find the system of equations for the problem you wrote.