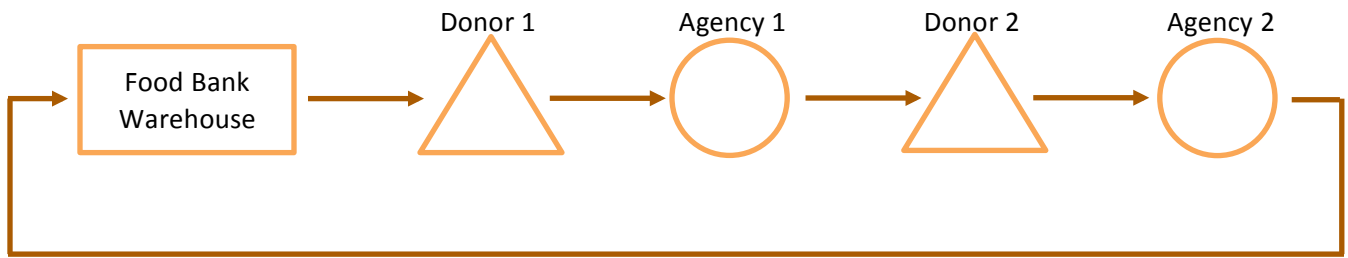


Retail Donation Program (RDP)



Variable	Description
Q	
S	
W_1	
R_1	
d_1	
W_2	
R_2	
d_2	

Today, you will:
 TRANSLATE WORDS INTO ALGEBRA AND ALGEBRA INTO WORDS

Words	Algebra
Total food given to agencies today	
The donation from Donor 1 must fit in the truck.	
You have to give Agency 2 at least its demand.	
	$W_1 > W_2$
	$R_1 \leq S + W_1$
	$Q - (S + W_1 - R_1)$

Name: _____

Date: _____

Homework

Directions: Match the verbal expression or statement to its algebraic translation.

At Agency 1, you have to give them at least their demand.

$$d_2 > d_1$$

Agency 1 demands more than Agency 2.

$$R_2 > W_1$$

You gave Agency 2 more food than you got from Donor 1.

$$R_1 \geq d_1$$

You gave Agency 2 less food than you gave to Agency 1.

$$d_1 > d_2$$

Agency 2 demands more than Agency 1.

$$R_2 < R_1$$

Directions: Translate verbal expressions and statements into algebraic ones.

1. When you took the donation from Donor 1, it made the truck completely full.
2. Agency 2 demands less than Agency 1.
3. You gave more food to Agency 1 than you got from Donor 1.
4. You can't fit enough food in the truck to satisfy the demands of both agencies.
5. Some food was left in the truck at the end of the day.