



# Food Bank Word Problems

1. If each meal one person eats is made up of about 1 pound of food, how many pounds of food will it take to feed three meals to a family of four for one day?

2. A semi tractor trailer can haul 40,000 pounds of food. How much food will be in twelve full truckloads?

2. Food Bank agencies pay a service fee to the Food Bank for the food they receive. The average service fee is \$0.10 per pound. Figure out the total number of pounds and the service fee at \$0.10 per pound for the following agency order:

<b>Product</b>	<b>Weight of 1 case</b>	<b># Ordered</b>	<b>Total Weight</b>	<b>Weight x \$0.10/lb.</b>
Green Beans	22 pounds	4		
Peanut Butter	14 pounds	8		
Orange Juice	37 pounds	4		
Cereal (Cheerios)	15 pounds	5		
Applesauce	7 pounds	6		
Pizza	10 pounds	4		
Potato Chips	7 pounds	5		
Cookies	12 pounds	7		
Soup	37 pounds	4		

4. If the cost for freight on each truckload is \$500, how much would the freight charge be for 12 truckloads?

5. If each \$1 spent by the Food Bank can obtain \$17 (retail value) of food, how many dollars worth of food would the following donations provide?

A. \$5 donation =

B. \$10 donation =

C. \$25 donation =

D. \$100 donation =