

Handout 2

Name:

Answer the following questions given the information below. (calculators are allowed)

The population of West Berlin was 2,500,000 people

The max payload of a C-54 transport plane is 34,000 lbs.

West Berlin needed at least a total of 3,000,000 lbs. of food per daily.

West Berlin also needs 3,000,000 lbs. of other supplies daily.

1. How many pounds of food did each citizen in West Berlin have access to daily?

1.2 lbs of food

2. How many pounds of supplies needed to be flown in daily, per month?

Daily: 6 million pounds of supplies

Month: 180 million pounds of supplies

3. How many planes had to fly into Berlin daily?

178 planes had to fly in daily

4. How many planes had to fly into Berlin every month?

About 5300 planes had to fly in every month

5. Assuming there are 375,000 kids in West Berlin and every candy bar weighs .25 lbs. how many planes would have to be filled with chocolate so that every kid got one piece of chocolate?

Almost 3 full planes