

Name _____

Date _____

Inequality Constraint or Condition Word Problems - Guided Lesson

Complete the following questions:

1) Sharon is planning a party. She has \$120 to spend. The birthday hall charges a \$60 fee for all parties and \$5.75 for each person.

a) Write an inequality that represents Sharon's situation.

b) How many people could come to the party without exceeding Sharon's spending limit?



2) At the beginning of the winter Casia has \$550 in her savings account. She wants at least \$300 in the account at the end of the winter. For food, clothes, etc. she withdraws \$20 each week.

a) Write an inequality that represent Casia's situation.

b) How many weeks can Casia withdraw money from her account?

3) James wants to rent a bike. Bike rental charges are at the rate of \$2.25 in addition to \$ 0.30 per mile. James cannot spend more than \$12 on ride.

a) Write an inequality that represent James situation.

b) How many miles can James travel without exceeding his limit?

