

LINEAR INEQUALITIES

Davis has \$38 and wants to purchase tomatoes for a recipe. These cost \$2 a piece and can be found at the farmer's market. Admission to the farmer's market costs \$10.

$$2x + 10 \leq 38$$

The combined weight of four identical bricks is over 15 pounds.

$$4x > 15$$

Ellie weighs 40 pounds. She and her brother together weigh more than 92 pounds.

$$x + 40 > 92$$

A taxi charges \$4 plus \$0.20 per mile. You spend more than \$30 for a taxi ride.

$$4 + 0.2x > 30$$

One pound of apples is \$2. You have no more than \$13 to spend on apples.

$$2x \leq 13$$