

Name _____

Class _____

Date _____

One-Step Inequality Word Problems

MUSIC Jamie is preparing to burn a music CD. The CD holds at most 70 minutes of music. Jamie has 52 minutes of music already selected. Write and solve an inequality to find how many more minutes of music Jamie can select.

COOKING Len wants to make several batches of cookies. He is starting with less than 2 cups of raisins, and each batch takes $\frac{1}{3}$ of a cup. Write and solve an inequality to find how many batches of cookies Len can make.

GEOMETRY You are asked to draw a rectangle with a length of 6 inches and an area less than 30 square inches. Write and solve an inequality to find the width of the rectangle.

MUSIC An online service increased the price of downloading a song from 1.79 to 1.99. To the nearest whole percent, by how much did the price rise?

TEMPERATURE A chemical mixture is being heated. At 10:00, the mixture's temperature was -4°C . If the temperature is increasing at a constant rate of change of 0.5° per minute, at what time will it reach 20°C ?

HOMEWORK Peter must write an essay with more than 500 words for his English class. So far, he has written 245 words. Write and solve an inequality to find how many more words Peter needs to write for his essay

CARS At the gas station, Elena bought a quart of oil for \$1.50, and she filled her car with gas. Her total was less than \$20. Write and solve an inequality to find how much she spent on gas.

PIZZA Trent and three of his friends are ordering a pizza. They plan to split the cost, and they want to spend at most \$3.50 per person. Write and solve an inequality to find the cost of the pizza they should order.

