



Mass to Mass Stoich
Worksheet #1

/10

Name:

Period:

Seat #

The Mole Highway!

Directions: *Use the mole highway and dimensional analysis to solve. Show all your work!*



If you start with 10 g of lithium hydroxide, how many grams of lithium bromide will be produced?

Ans: 36.3 g LiBr



If you start with 45 grams of ethylene (C_2H_4), how many grams of carbon dioxide will be produced?

Ans: 141.4 g CO_2



If you start with 5.5 grams of lithium chloride, how many grams of calcium chloride will be produced?

Ans: 7.14 g CaCl_2



If you start with 20 grams of hydrochloric acid, how many grams of sulfuric acid will be produced?

Ans: 26.9 g H_2SO_4