

Factor Label Method for Molar Calculations

Name _____

Conversion Key

1 Kia = 3 horses

10 Kias = 1 Toyota

3 Toyotas = 5 Hondas

9 Hondas = 1 BMW

2 BMW = 5 Hummers

3 Hummers = 1

Lamborghini

Using the above units, solve the problems stepwise. All work must be shown.

- 1) How many Kias in 5 horses?
- 2) How many Hondas in 10 BMWs?
- 3) How many Hummers in 6 BMWs?
- 4) How many Toyotas in 10 BMWs?
- 5) How many Hondas in 18 Lamborghinis?
- 6) How many BMWs in 5 Kias?
- 7) How many horses in 15 Hummers?
- 8) How many Toyotas in 2 Lamborghinis?
- 9) How many Hummers in 1 Toyota?
- 10) How many Kias in 10 Lamborghinis?