CC Math 6 Ratios & Rates	Name:	
Part to Part, Part to Whole, and Simplify	Date:	Core:

Instructions: Draw a simply diagram to model each problem then list the part to part, and part to whole ratios, simplify if ratios if possible.

1.) Pedro has a bag of marbles with 5 red and 15 blue marbles. Diagram and list the following ratios.

Diagram

Ratios can be written ______ many ways. Show all the ways they can be written.

red to blue,	simplify	to
red	oimenlife.	red
all marbles	simplify —	allmarbles
blue	-:l: f	blue
all marbles	simplify —	all marbles

2.) Mr. Li's gym class has 14 football players and 8 soccer players. Diagram and list the following ratios. Diagram

_____football: ______soccer, simplify _____: ____ _____football: ______athletes, simplify _____: ____ ____<u>soccer</u>______simplify _____<u>soccer</u>_____athletes

3.) 7 tacos orders were taken to 14 burritos. Diagram and list the following ratios.

Diagram

tacos burritos'	simplify —	tacos burritos	
tacos total orders'	simplify —	tacos total orders	
burritos : orders,	simplify	burritos : orders	

4.) The Phone Shack sold 9 iPhones and 6 Droids. Diagram and list the ratios.