Name _____   Date _____

Making Inferences From Random Data - Matching Worksheet

Match the word problems to their answers. Write the letter of the answer that matches the problem.

_____ 1. Veterinary doctors marked 30 deer and released them. Later on, they counted 150 deer, 12 of which had marks. To the nearest whole number, what is the best estimate for the deer population?

a. Most men enjoy sandals.

_____ 2. Gregory collected two random samples of 100 Woman regarding woman's color bag preference for his new bag business. Make an inference from the data.

b. 375

People Sample	Red Bag	Black Bag	Blue Bag	Total
#1	34	50	16	100
#2	24	54	22	100

c. Most people prefer black bags.

_____ 3. Herald is keeping track of eagles. To do so, he put tags on 25 eagles and released them. Later, he catches 120 eagles; 16 eagles were tagged. Find the best estimate for the Eagle population?

_____ 4. Jenny owns a footwear business. She wants to expand her business, so she collected two random samples of 100 men regarding men's foot wear preference? Make an inference based on this data.

d. 188

Student Sample	shoes	slippers	sandals	Total
#1	20	20	60	100
#2	25	25	50	100