

Name _____

Date _____

Conditional Probability - Matching Worksheet

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

The question, "Do you eat Chinese food?" was asked of 150 students. The results of the survey are shown in the table.

	Yes	No	Total
Boys	62	33	95
Girls	38	17	55
Total	100	50	150

- _____ 1. What is the probability of randomly selecting an individual that is a boy that eats Chinese food? a. 0.25
- _____ 2. What is the probability of a randomly selecting an individual that is a boy? b. 0.67
- _____ 3. What is the probability of a randomly selecting an individual that eats Chinese food? c. 0.41
- _____ 4. What is the probability of randomly selecting an individual who is a boy that does not eat Chinese food? d. 0.31
- _____ 5. What is the probability that a randomly selected person is a girl that eats Chinese food? e. 0.22
- _____ 6. If you randomly selected a person from the girls only, what is the probability she did not eat Chinese food? f. 0.63

