

3

Conditional Probability

- Written as $P(B \mid A)$
"The probability of event B, given event A"

4


5

The table shows the results of a class survey, "Do you own a pet?"
Find $P$ (own a pet | female).

|  | Yes | No |
| ---: | :---: | :---: |
| Female | 8 | 6 |
| Male | 5 | 7 |

6

The table shows the results of a class survey, "Did you wash the dishes last night?" Find $P$ (wash the dishes | male).

|  | Yes | No |
| ---: | :---: | :---: |
| Female | 7 | 6 |
| Male | 7 | 8 |

7


8

