## If your parents tell you this:

I will let you use the car under one condition....

What does it mean?

The are placing some kind of restriction on you

	Snickers	Reeses	KitKat	Skittles	Total
Male	18	32	28	13	91
Female	20	29	19	22	90
Total	38	61	47	35	181

What is the probability that the next person you select likes Reeses under the one condition you must select a female?



## Conditional Probability:

Probability that has a restriction limiting the sample space. (# of total outcomes)

P(B | A): "The probability of B given condition A must be true."

"Probability of B given A"

	Snickers	Reeses	KitKat	Skittles	Total
Male	18	32	28	13	91
Female	20	29	19	22	90
Total	38	61	47	35	181

Find each conditional probability. Give answer as a fraction.

1. P(Male | Reeses) = 7. 32 male - 61 Reeses - 19 2. P(KitKat | Female) =



