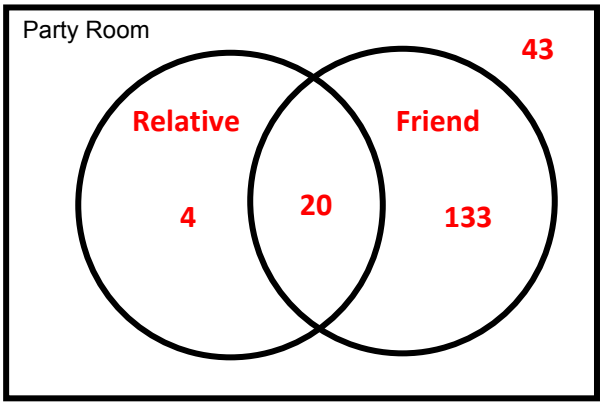
Grandma Addam's Birthday Party! KEY

You've been invited to Grandma Addam's birthday party at the haunted mansion! All your crazy relatives and friends will be there. When you arrive, this is what you discover:

- 200 people are at the party
- 24 are relatives
- 43 are neither a friend or a relative
- 20 are both a friend and a relative

How many of your friends came to the party?

Note: a friend is anyone you've met. You are that kind of guy or gal.



Once you've completed the Venn diagram, create a two-way table that displays the same data.

	Relative	Not Relative	Totals
Friend	20	133	153
Not Friend	4	43	47
Totals	24	176	200

What information is more obvious from the Venn diagram? *Overall relationships (Venn diagrams are simpler and easier to read)*

What information is more obvious from the two-way table? *Marginal totals, the "not" categories*

What is the probability that a randomly selected individual is a friend or a relative, that is:

P(Friend or Relative). ***157/200 = .785***