

Welcome to the season finale of Matchmakers!

Herb Molly Pierre Lacy
As always, we have chosen of the most romantically unstable men and women to participate in this season!

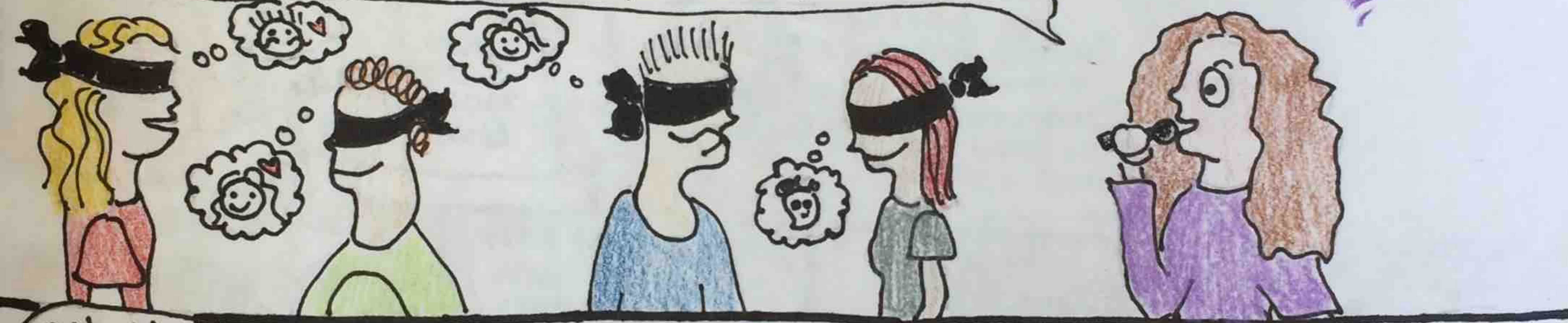
Using our top-secret stable matching algorithm...

We've created ideal blind matches for our finicky contestants

Based on their interactions with one another

Will any of these couples find love?

NOW IT'S TIME FOR THE BIG REVEAL!



OH NO
yay!
I like Pierre

I like Molly
I like Herb

WHYYYY

look at all those happy couples!

Lauren
WAIT A SECOND
what's going on?



How can you call yourself matchmakers when the pairs here are nowhere near stable?



What are you talking about? Our stable Matching algorithm is designed perfectly! The matching can't get better than this!



Get away from me!

SMACK!

Uh...



So what do you propose we do?



I'm so glad you asked!

STABLE MATCHING



Stable matching is a simple concept once you understand it



STABLE MATCHING

In fact, it's so simple I'm surprised you violated one of its few rules!

You have so many rogue couples loose here

"Rogue couple?"



We'll take Pierre and Molly for example! Can't you tell how much Pierre wants to be with Molly?



And Molly wants to be with Pierre!



We can't make everyone happy



Of course not! But stable matching isn't about everyone getting their top choice...



It's about making sure that every body who is matched does not prefer another contestant over the one they are paired with!

I guess that makes sense.



But that's too difficult to execute

How would you manage to match everyone without it taking forever?

It's easier than you think

I want everyone to take a piece of paper and write down your date preferences from best to worst

Men make sure you have ranked every single woman, and vice versa

Molly

1. Pierre
2. Jeff
3. Herb

Pierre

1. Molly
2. Lacy
3. Meg

Lacy

1. Herb
2. Pierre
3. Jeff

Herb

1. Molly
2. Lacy
3. Meg

Now all the men propose to their top preference one by one. If you are a woman without a date you must accept the first proposal you receive

That won't work! The first proposal might not be the most ideal

Don't worry! You aren't necessarily stuck with your current partner. If a woman is later proposed to by a man higher on her preference list, she can switch!

so, the rejected suitors need to try proposing again to the next woman on his list

How long does this continue? Until every single person has been successfully matched and there are no longer any rogue couples. This is stable matching!

In simpler terms, every pair is the happiest that it can be.

Wow that's not as difficult as I thought! Let's try it out!

Herb proposes to his #1, Molly

Will you go out with me? I guess

Pierre proposes to his #1, Molly

since Molly left Herb for Pierre, Herb proposes to his #2, Lacy

Now all the matches are stable!

Will you go out with me? yes! Bye Herb

No!

Will you go out with me? Yes!



THE
END