

Math 1015

Stacker

Interesting things!

very little of: Numbers
equations
memorized formulas

Topics are "simple"

Voting

Idea: A group of people need to make a decision

- Ask everyone's opinion

- Gather together all the opinions and find "the will of the people"

Best Movie (series) ever!

Star Wars

Godfather

Airplane!

Good Will Hunting

Harry Potter

Sopranos

MCU

10 Things I Hate About You

LoTR

3 Harry Potter

2 Lord the Rings

best → 1 Star Wars

4 10 Things

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How do we choose the winner?

Could just count up #1 spot rankings.

(ignore lower rankings)

Or do something more complicated

There is no obvious "best" way to determine the winner.

We choose the method for cultural reasons.

Churchill: Democracy is the worst form of government except for all the others

Look closely at issues with voting
(not politics)

Not obvious how to choose the winner in a ranked election

In the example, if we count only top rankings, A should win.

But most voters think A is worst.

There are several methods we could use to decide the results.