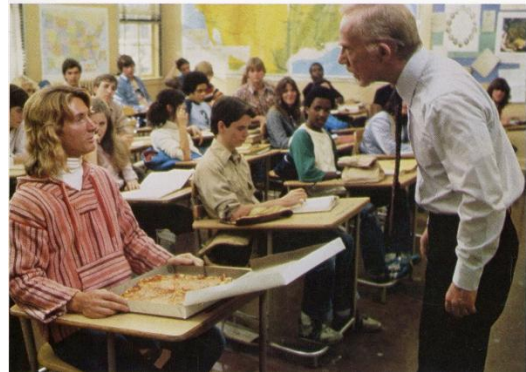


During a series of confrontations in 1982 at Ridgmont High School, student Jeff Spicoli and history teacher Mr. Hand discovered that their preferences are different.*



For each of the scenarios described below, draw an indifference map. Make sure you label the axes with the appropriate 'goods', label each IC with the person's name it represents, and draw an arrow illustrating the direction of higher utility. Use separate paper, and please write legibly.

1. Spicoli likes eating pizza and smoking pot. Mr. Hand likes pizza, but dislikes pot.
2. Spicoli likes eating pizza and tacos, but he has a much stronger preference for pizza.
3. Spicoli likes smoking pot and eating pizza, and for him they are perfect complements. He smokes exactly one joint per pizza that he eats. (Any more pot or pizza does not benefit or harm him, except in this exact proportion.)
4. Spicoli likes tacos and pizza; one taco and one slice of pizza are perfect substitutes.
5. Mr. Hand demands that students be on time to class and that there be no eating in class. Mr. Hand likes rules, but Spicoli does not; Spicoli likes eating in class. Graph both people's preferences on the same graph, with 'time eating pizza in class' and 'time enforcing class rules' as the goods shown on the axes.
6. Spicoli is interested in seeing his IC for how he spends his time. Put 'hours surfing' on the y-axis and 'hours smoking' on the x-axis. Draw his IC assuming he likes spending time in both ways, but strongly prefers surfing to smoking.
7. For Spicoli, 'time spent smoking' is a good and 'time spent surfing' is a neuter good.

* For background on Spicoli and Hand, see https://www.youtube.com/watch?annotation_id=annotation_893012&feature=iv&list=PLFD587DA0724E8A19&src_vid=6J8_fWphE0&v=bMtdrKIdDgE