### CS 61A Discussion 0 Lost on the Moon

#### Announcements

- Join Piazza! <a href="https://piazza.com/berkeley/spring2017/cs61a">https://piazza.com/berkeley/spring2017/cs61a</a>
- Office hours start next week. You can view the schedule on the course website.
- If you didn't get an instructional account, there's a pinned Piazza post with a form you should fill out.

# 1. What do polar bears do?

They break the ice.

### Lost on the Moon

You are lost. You are also on the moon. How do you survive?



#### Answers to Common Questions

- ▶ The horizon is ~2 miles away
- You are on the light side of the moon
- There is no cocaine in the first-aid kit
- FM radios are line-of-sight

#### NASAnswers / Debrief

- 1. Oxygen
- 2. Water
- 3. Stellar map
- 4. Food concentrate
- 5. FM receiver-transmitter
- 6. Nylon rope (useful for scaling cliffs / tying injured together)
- 7. First-aid kit
- 8. Parachute silk (protection from the sun)
- 9. Life raft (CO<sub>2</sub> bottle can be used for propulsion)
- 10. Signal flares
- 11. Pistols (possible self-propulsion)
- 12. Milk (bulky, made redundant by food concentrate)
- 13. Heating unit (useless on light side)
- 14. Compass (moon's magnetic field isn't polarized)
- 15. Matches (no oxygen to sustain flame)

# It's quiz time

heh heh heh...

66

## "Tenacity... is a good thing to have" - Pikachu



I'll see you all like 50% of you, probably) next week!