



# Sprave!

A rave is an all-night dance party, and a sprave is a Space Rave. Aliens from around the galaxy are grabbing their glo-sticks and coming to boogie down.

The entire population of Deneb-6 is coming to the Sprave! They have 120 space ships that each carry 10,000 passengers, 100 space ships that each carry 100,000 passengers, and 50 space ships that carry 1,000,000 passengers. What is the median size of a Denebian spaceship?

Everyone is coming to the sprave! A large group from as far away as the Andromeda Galaxy is even coming! This group includes 35,212 Slobulons, 52,751 Vunkuls, 77,002 Blanshees, and 55,767 Mleepazoids. On average, how many aliens of each race are coming?

It looks like a total of about 572,000,000 aliens are coming to the sprave. The sprave organizers estimate that they will need about 1 portable toilet per 21 aliens. How many portable toilets are going to be needed at the sprave?

Each alien will also need about 8 gallons of water per day. Dancing is thirsty work! How many gallons of water will the organizers need to provide in total?

Uh oh... The sprave organizers ran out of money. They drop off a 12-pack of bottled water and a bucket, then hightail it for parts unknown. I am not sure if that will be enough. What do you think? Are you ready to go to the sprave?!

