

# Up, Up, and Away!



## Facts about the Goodyear Blimp

- Holds about 202,700 cubic feet of helium
- Weighs about 12,840 pounds

## The Challenge:

1. How many 1 foot diameter balloons filled with helium would it take to lift you? Use the facts about balloons and your weight to find out. **Hint:** You can set up a proportion to solve this problem.

**Are you up for another challenge?**  
**Say Yes.**

2. Can you use the facts about balloons and the Goodyear Blimp to figure out how many balloons it would take to replace the Goodyear Blimp?



It takes about 160 1 foot diameter balloons, each filled with 0.5 cubic feet of helium, to lift 5 pounds.