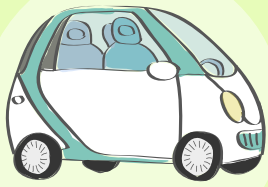
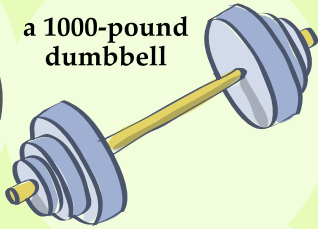


# WHICH IS STRONGER, THE AVERAGE ANT OR THE AVERAGE AUNT? *(relatively speaking...)*

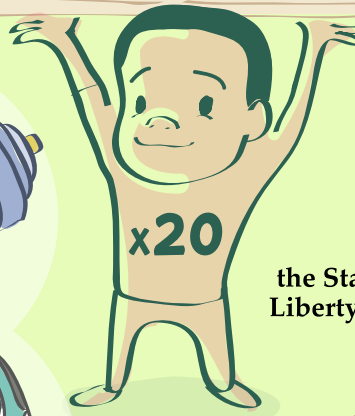
The average ant can lift and carry things 20 times heavier than its own weight. Imagine that people could do the same thing. Circle everything you think you could lift and carry.



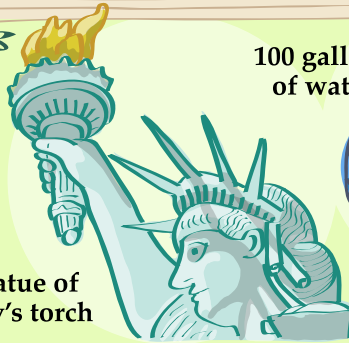
a Smart car



a 1000-pound dumbbell



the Statue of Liberty's torch



100 gallons of water



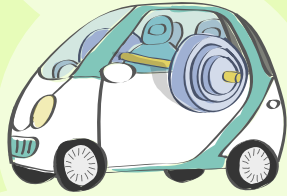
100 gallons of ice cream



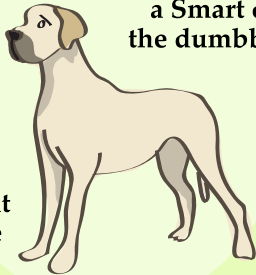
a grand piano



your great-aunt



a Smart car with the dumbbell inside



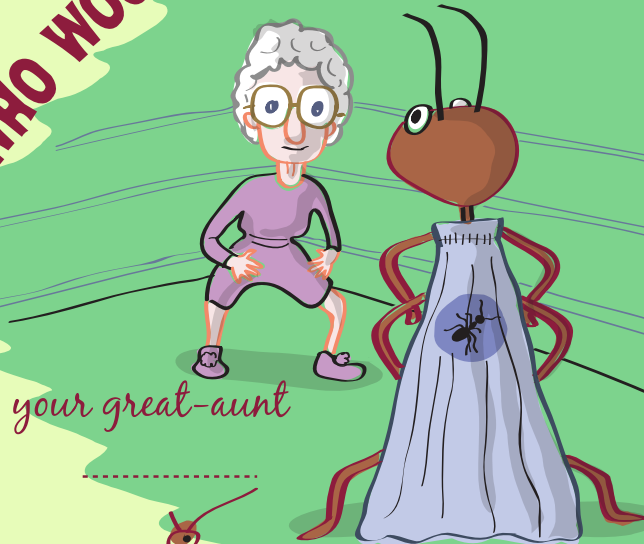
a Great Dane

Now check your guesses by multiplying your weight by 20. Turn the sheet upside down to see the weight of all these things.

your weight x 20 = \_\_\_\_\_

**Weights:** Average Great Dane: 150 pounds. Average grand piano: 750 pounds. Average Smart car: 2,000 pounds. Smart car with dumbbell: 3,000 pounds. One hundred gallons of water: 835 pounds. One hundred gallons of ice cream: 450 pounds (at USDA required minimum weight for ice cream). Statue of Liberty's torch: 3,500 pounds. Your great-aunt: It's up to you to find out. Good luck!

## WHO WOULD WIN IN A WRESTLING MATCH... YOUR GREAT-AUNT OR AN ANT EXACTLY HER SIZE?



your great-aunt

this great big ant



We would put our money on your aunt. If an ant grew to the size of a person—according to laws of geometry—the volume and weight of its body would increase at a greater rate than the size and strength of its thin legs. The giant ant would collapse under its own gigantness. The great thing about all of us creatures: our size is right for our shape and our shape is right for our size.