

Making Sense of SCIENCE

Matter: Student Work Samples and Task A for Grades 6–8

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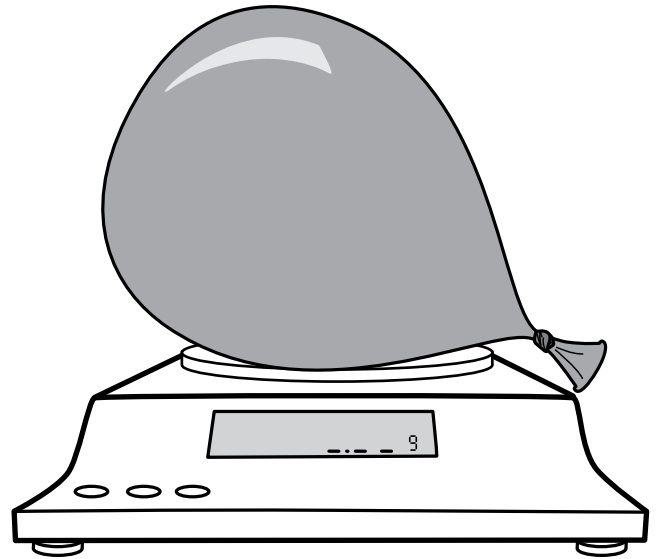
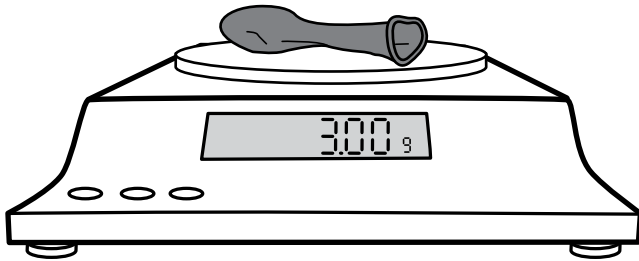
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Name: _____

MASSIVE AIR

TASK

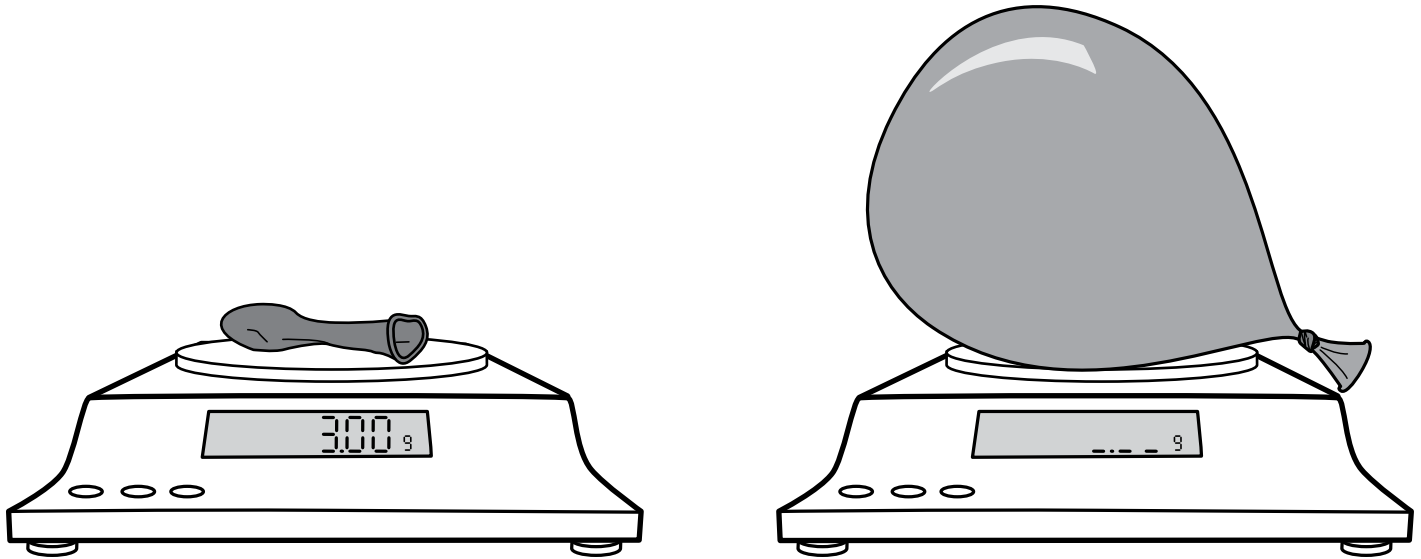


The deflated balloon has a mass of 3 grams. The inflated balloon is filled with air. Do you think the inflated balloon has more or less mass than the deflated balloon? Why or why not? Use the back if you need more space to write or draw.

Name: Charles

MASSIVE AIR

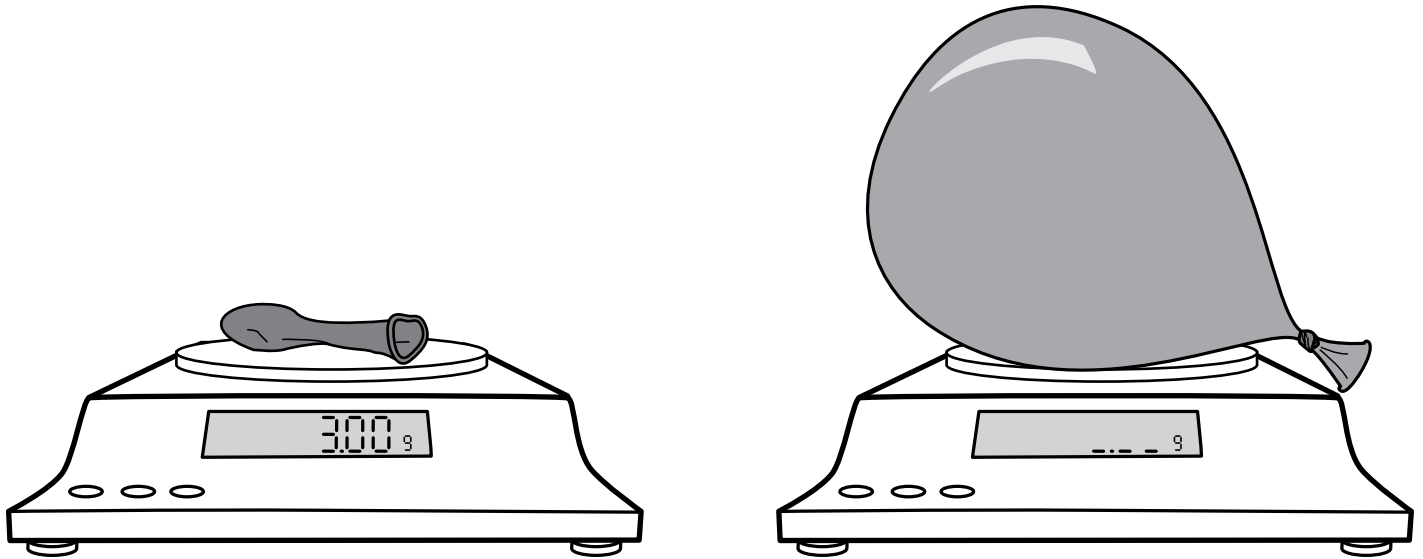
TASK



The deflated balloon has a mass of 3 grams. The inflated balloon is filled with air. Do you think the inflated balloon has more or less mass than the deflated balloon? Why or why not? Use the back if you need more space to write or draw.

I think that the inflated balloon will have less mass because the deflated balloon is more dense therefore it weighs more. The inflated balloon is stretched out so it is less dense



MASSIVE AIR

The deflated balloon has a mass of 3 grams. The inflated balloon is filled with air.

Do you think the inflated balloon has more or less mass than the deflated balloon?

Why or why not? Use the back if you need more space to write or draw.

I think the inflated balloon will have less mass, because it is stretched. If we threw the deflated ~~balloon~~ balloon into the air, it would fall right away. But a lighter balloon with stretched out rubber will stay afloat a little while because not much air is pushing down on it. For the deflated balloon, all that rubber is squished together, so it is heavier.

