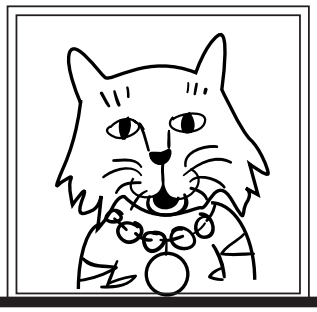
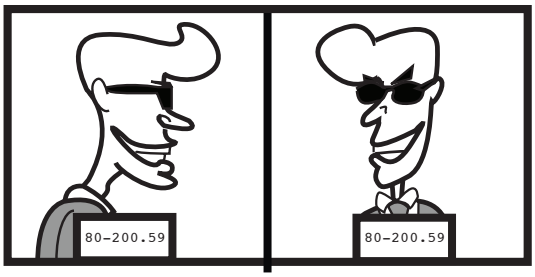
CASE BOOK:
CATCH THAT HAZARD!!!

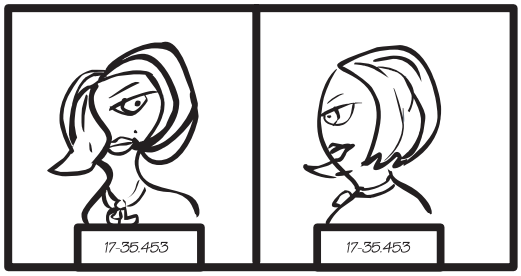
Your Partner:
Toxie



Carbon Monoxide

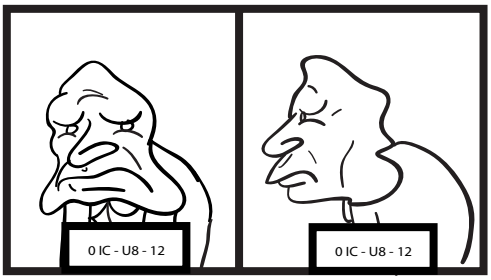


Mercury

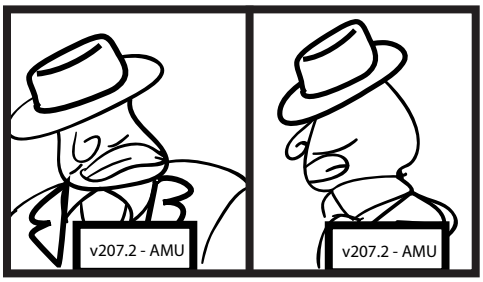


Chlorine

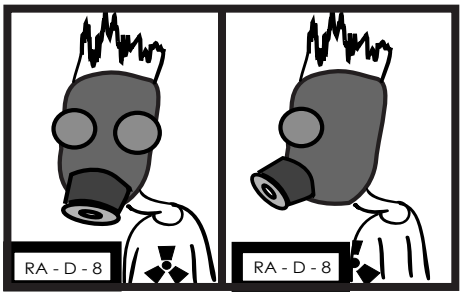
You heard the Inspector! These six hazards are in the house. You and Toxie need to find them and report them in your case book in order to put them back behind bars where they belong!



Mold



Lead



Radon

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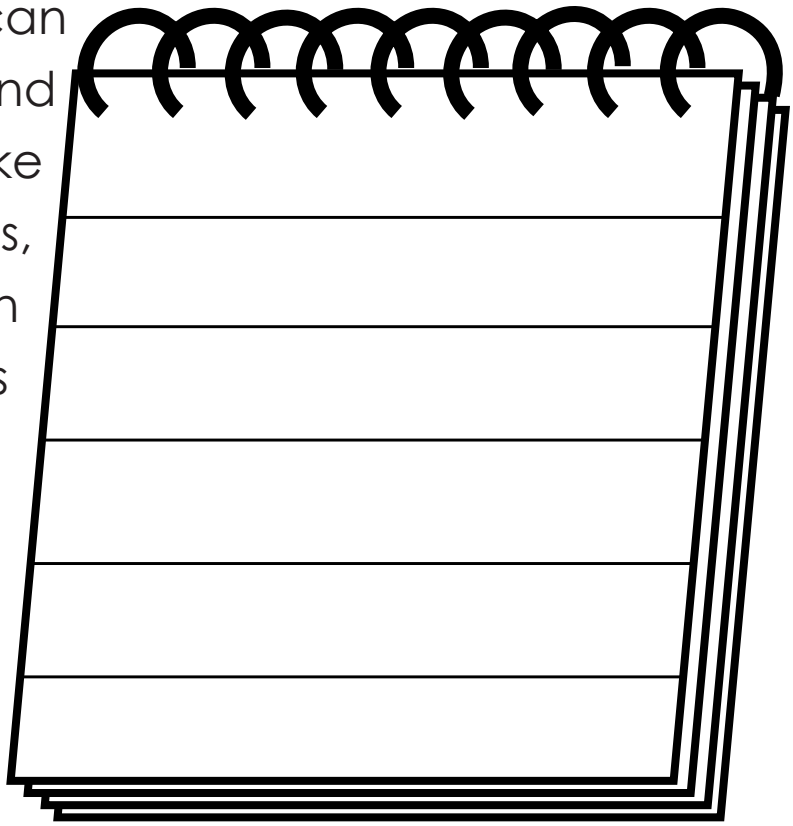
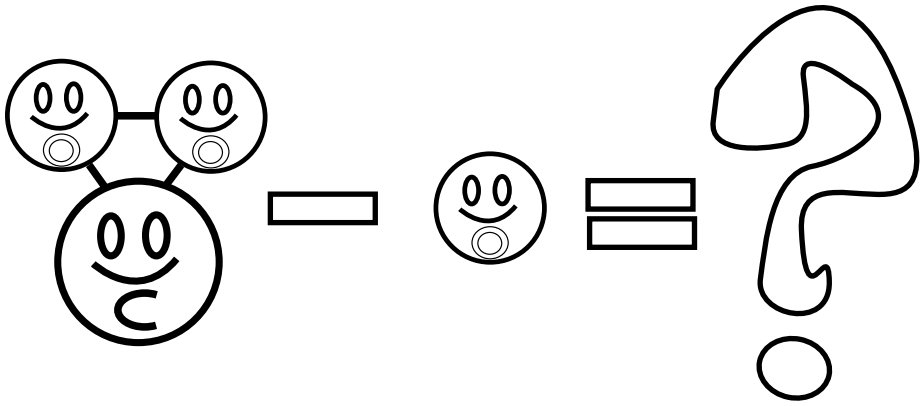
We can find our first hazard using simple math. Carbon Dioxide is a gas. We breathe it out when we take a breath, and plants breathe it in when they take a breath. "Dioxide" means "has 2 oxygen molecules", as you can see below by our little friend labled with an "O". If you take away one of the oxygens, you get this hazard - a cousin of Carbon Dioxide which is usually found **where there is heat**. Got any clues?





Write down all the rooms where this hazard was hiding and the object you clicked to find it.

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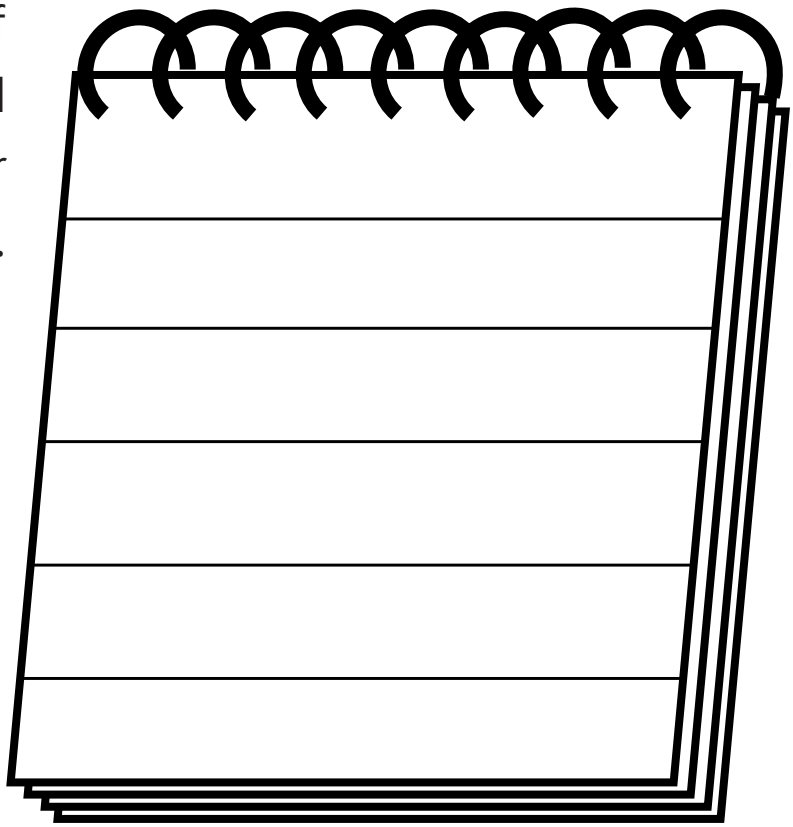
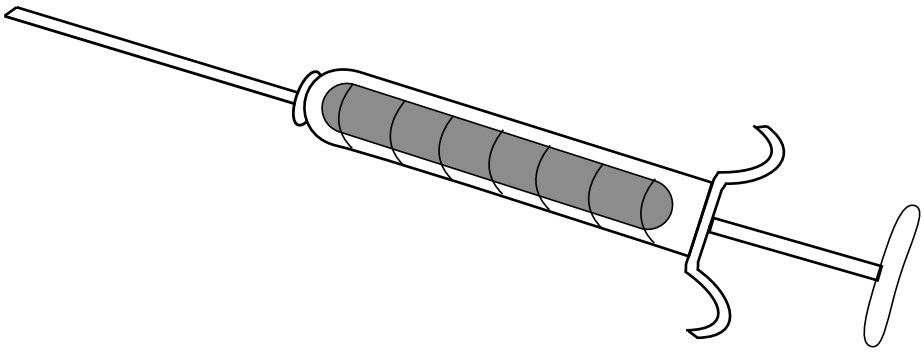
This hazard has a bad reputation for making people sneeze and sniffle. Even so, we might be willing to cut him some slack. You see, this hazard, **which grows in damp places with lots of moisture**, has done a lot of good. For one, it helped a man named Alexander Fleming develop penicillin.





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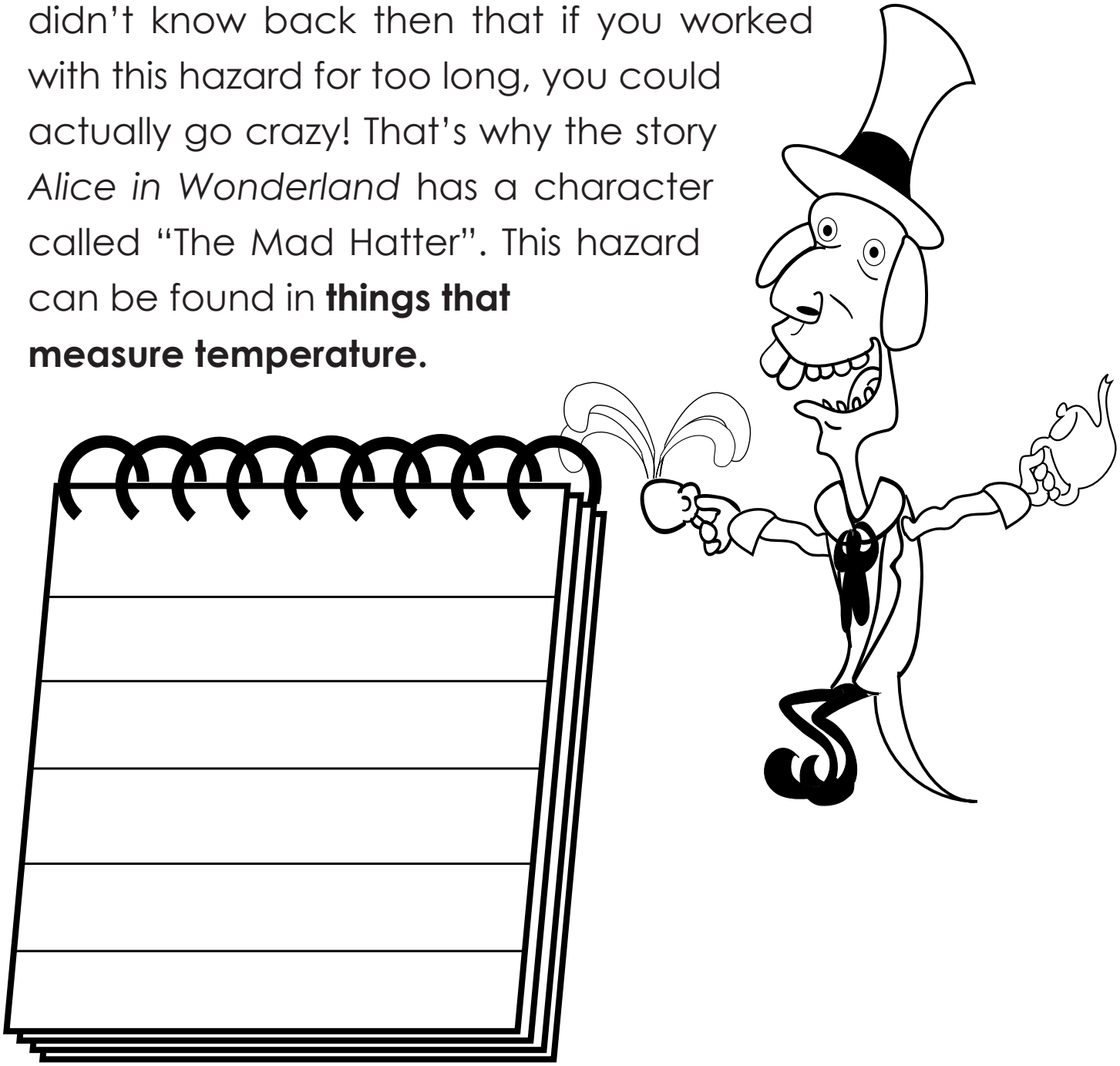
Years ago, people who made hats were called "Hatters". They used **this silvery-white, shiny liquid** to make their hats. They didn't know back then that if you worked with this hazard for too long, you could actually go crazy! That's why the story *Alice in Wonderland* has a character called "The Mad Hatter". This hazard can be found in **things that measure temperature.**



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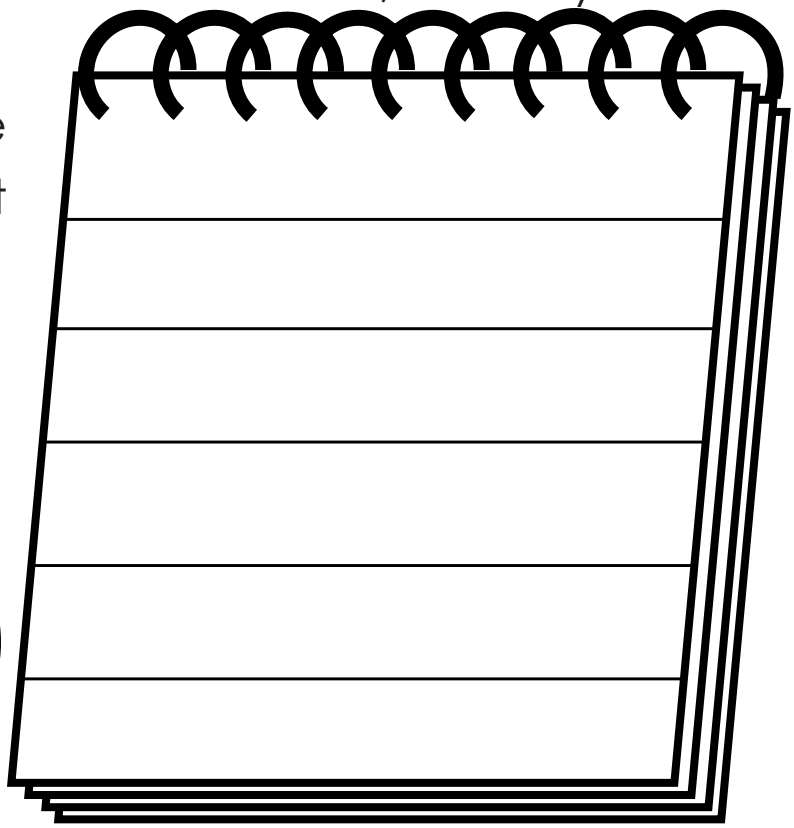
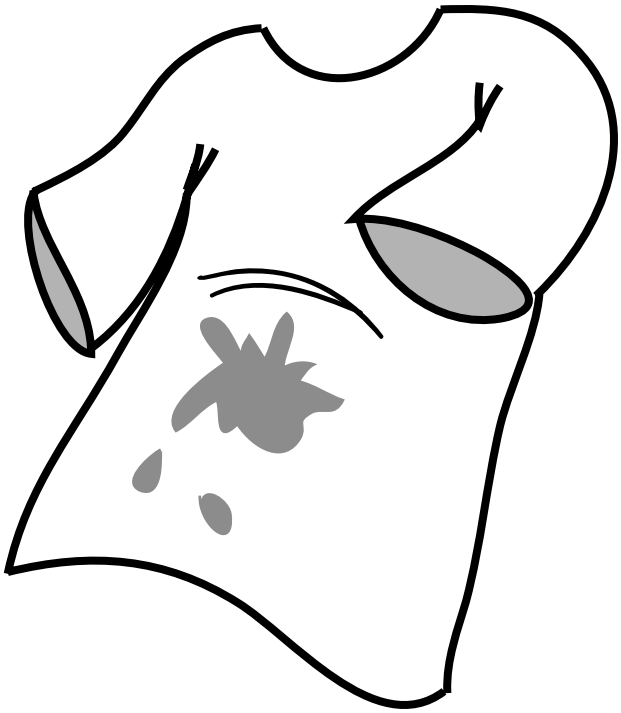
Our next culprit can be a big help...or a big problem. You have probably smelled this when you're at the pool. It is used to keep the water free of germs and other gross gunk. It's also found when your mom decides she needs to clean off the spills on white clothes. This chemical is in **cleaners**, but only in small amounts. When there's too much of it, it can really cause trouble. What do you think it is?





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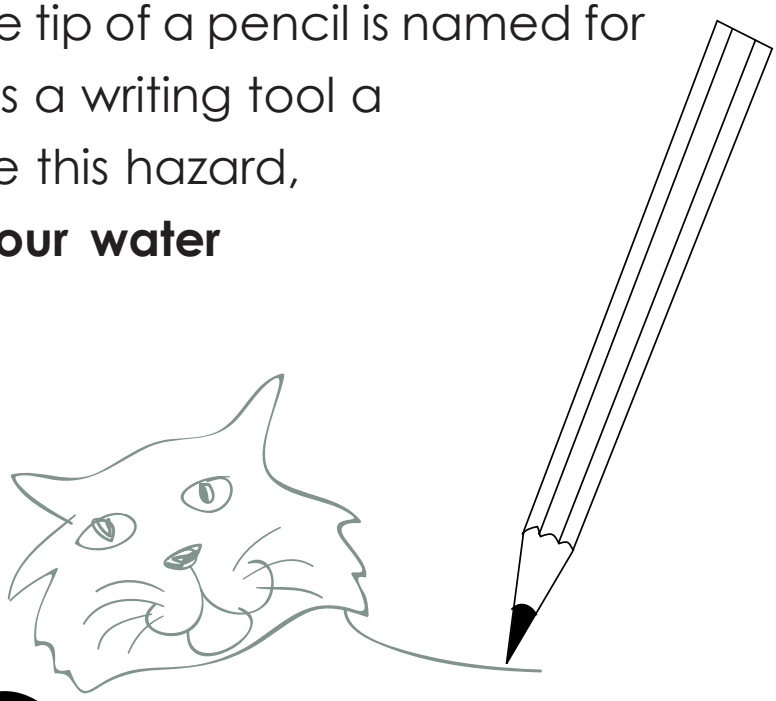
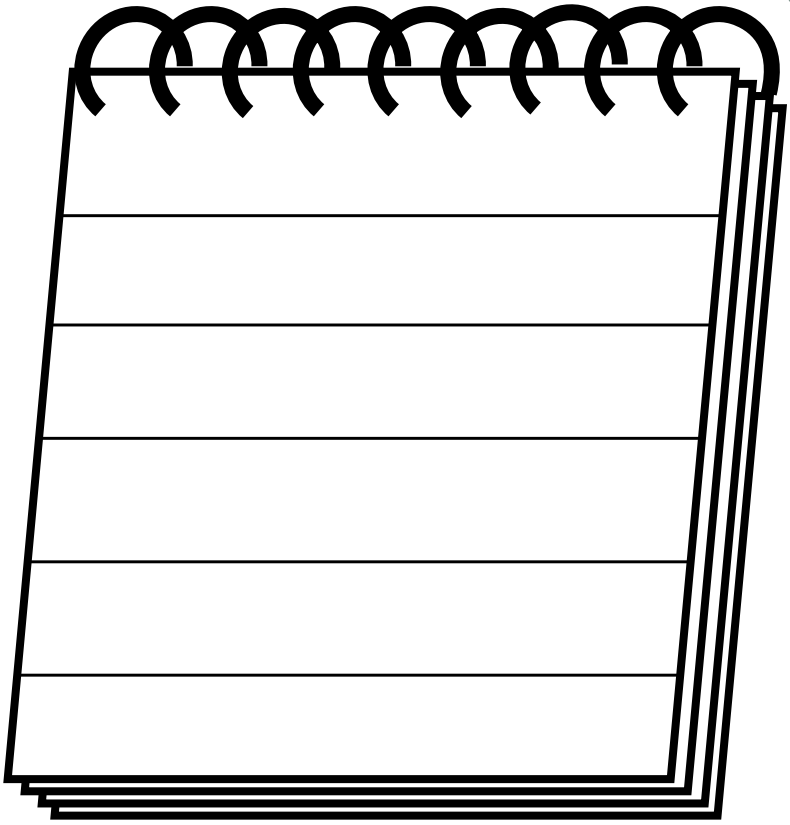
You might think this hazard is at the end of your pencil...but it really isn't! Pencils use a type of carbon called GRAPHITE to make their marks. However, the tip of a pencil is named for this hazard, which was used as a writing tool a long time ago. Can you name this hazard, **which you may just find in your water supply**?





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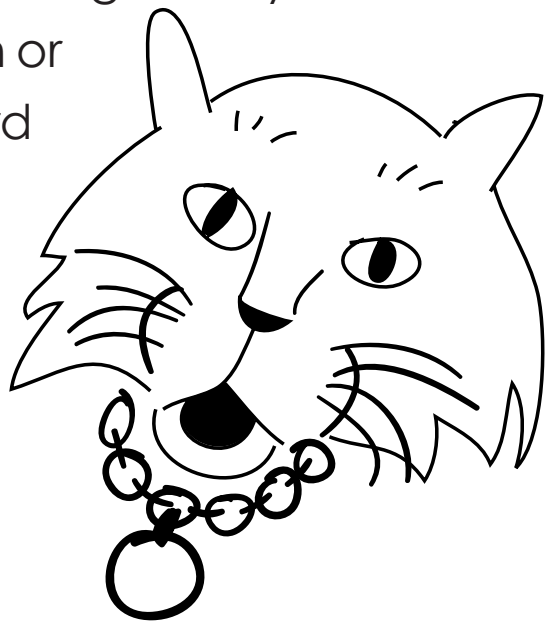
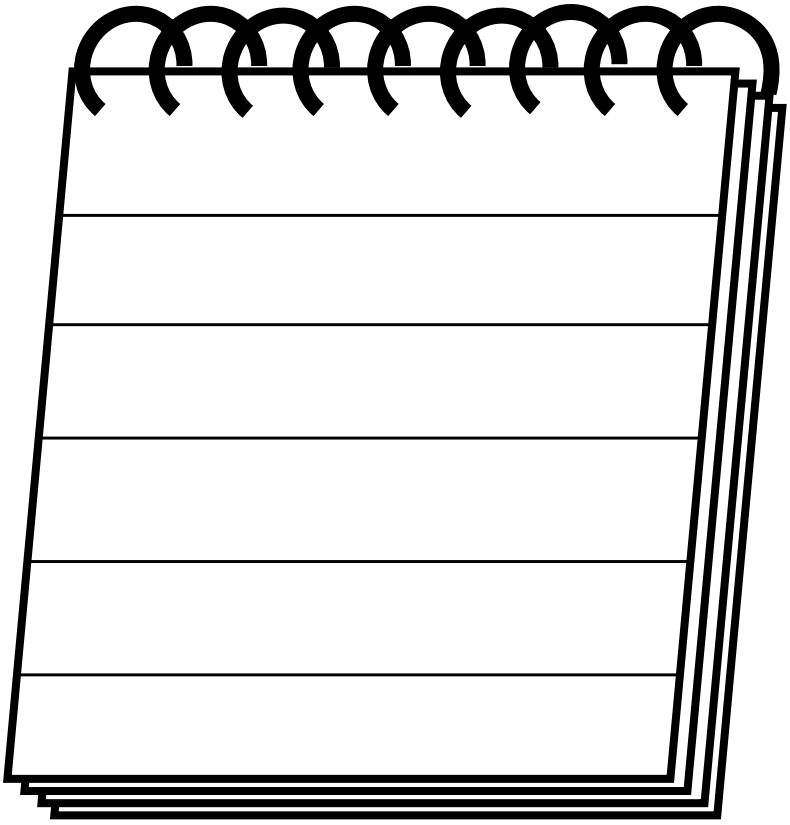
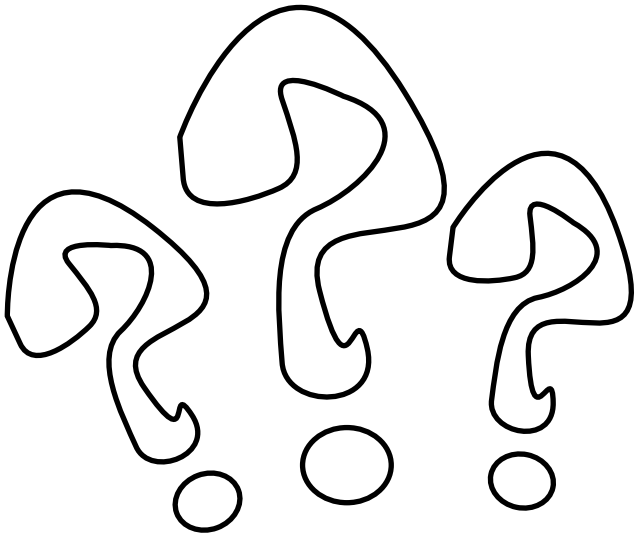
This last hazard will be a tough one! You see, this hazard isn't easy to find...for anybody. In order to know for sure if it's there or not, you would need a detector. It's a gas, so you can't really feel it, and it can't be seen or smelled. So, in order to keep this hazard from **slipping through the cracks**, we need to be very observant. It's only going to be in ONE ROOM in the house, so keep your eyes open!







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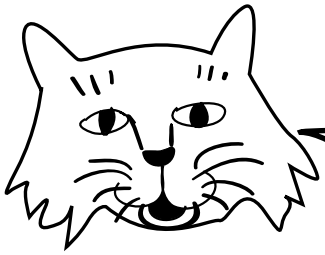
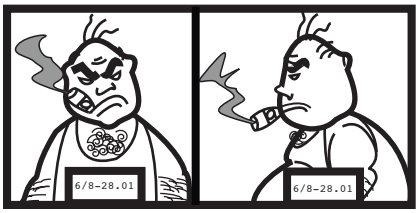
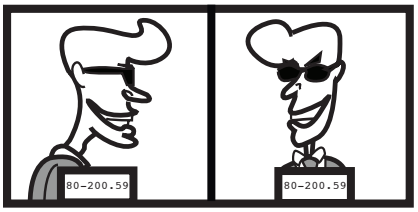


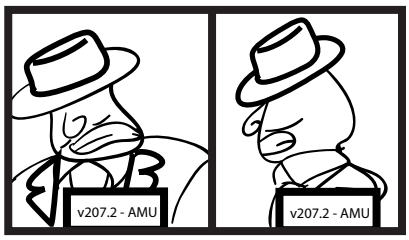
Write down each of the places where you found the hazards! Be sure to write down everywhere you saw these culprits...if you don't have enough evidence, we can't arrest them!



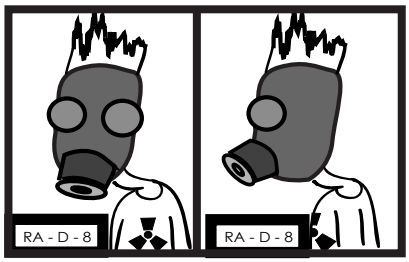
Carbon Monoxide



Mercury



Lead



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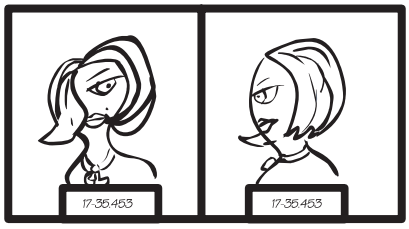
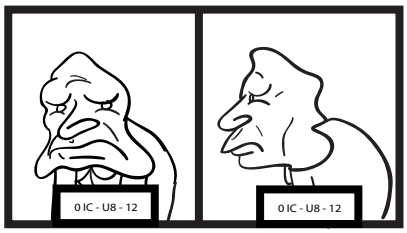


Chlorine



Mold