



## Snow White and the Seven Dwarfs, and Snow White's clever plan

We've all read "Snow White and the seven dwarfs" when we were kids, right? The one where Snow White's evil step mother sends her off into the forest and Snow White starts living with the seven dwarfs. Do you remember the part where Snow White's evil step mother decides to disguise herself as a peddler selling belts and comes to Snow White's cottage to try and kill her?

Well we have a twist for you: What if Snow White *recognizes* her evil stepmother, and being the smart, quick-thinker that she is, decides to foil her evil plan? What clever plan do *you* think she comes up with? How would you rewrite the story? We are dying to hear what happens next, so tell us all about it!



## Wacky Invention using sunglasses and chopsticks

Can you make a brand new gadget using the objects below that will help solve some problem?

Objects: **Sunglasses, Chopsticks**

For example, you could have the arms of the sunglasses be detachable so they can also be used as chopsticks. You will never have to worry about forgetting cutlery when you go on picnics!

How else could you combine the objects to make something useful? What kind of problem does your new invention solve? You can add more objects to complete your invention if you need to, and feel free to come up with crazy ideas! Think about it and then send us your cool new invention idea.



## mNEWmonics: The order of planets

A mnemonic is a pattern of letters or ideas that can help you remember things better. For example, you might have heard the mnemonic “Please Excuse My Dear Aunt Sally” to remember the order of operations in math. Can you make a **new** mnemonic, something that you haven’t heard of before, to remember the order of planets?

The order of planets - **Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and Pluto.**

What kind of mnemonic can you think of? Send us your ideas when you are done!

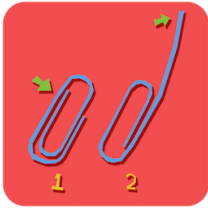


## Pose-a-Problem: Max, Hot dogs and Hamburgers

How many problems can you come up with that are related to the situation below?

**Max grills 3 hot dogs for every 5 hamburgers he grills.**

Think of many different ideas and then send us your 3 best questions, and don't forget to add your solutions too! You can add additional information to the situation if you want. The more areas of math you use in posing problems, the more creative your solution will be.



## Leaf: A new way to...

A leaf, as we all know, helps make food for the plant (and actually, also makes good food for people). But we aren't going to talk about that today. We are more interested in other kinds of ways to use leaves. Like dry it and use it as a bookmark. Or, roll it up and use it as a straw.

So here's our challenge to you - can you think of interesting uses of a leaf? When you are done, send us 5 of your most clever ideas.