

Name: _____ Date: _____

 **Detective question:** The man said his mind protected his balloon. What do *you* think was different about it?

 **Predict, test, explain.** Guess first, then try it!

	Test	My guess	What happened	Was I right?
1	Skewer through tape on the side	☐ BANG ☐ no bang	☐ BANG ☐ no bang	☐ Yes ☐ No
2	Skewer through the dark top	☐ BANG ☐ no bang	☐ BANG ☐ no bang	☐ Yes ☐ No
3	Skewer into a plain shiny side	☐ BANG ☐ no bang	☐ BANG ☐ no bang	☐ Yes ☐ No
4	My own test: _____	☐ BANG ☐ no bang	☐ BANG ☐ no bang	☐ Yes ☐ No

 **Explain:** Why did the balloon burst in some tests and not in others?

 **Look closely:** Which part of a blown-up balloon is **pale**, and which is **dark**? What does that tell you?

 **Think like a scientist:** When two things look the same, ask: **are they really the same?** Can you think of another time something looked the same but wasn't?
