

Pop Rockets Activity – Pop Goes the Rocket Quiz

Answers

1. Circle True or False:

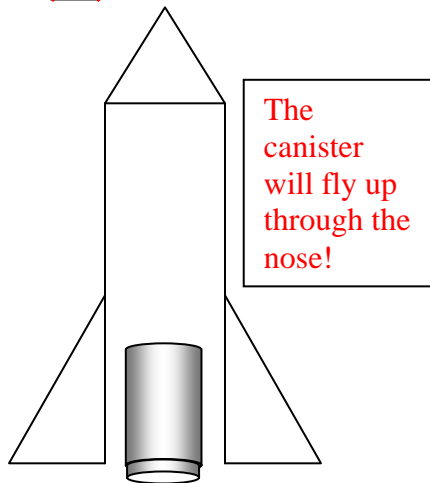
True or **False**: When you put Alka-Seltzer® in water it explodes.

True or **False**: If you do not change the amount of fuel, and make a rocket longer, it will fly higher.

True or **False**: Tape has no weight so you can put as much on as you like.

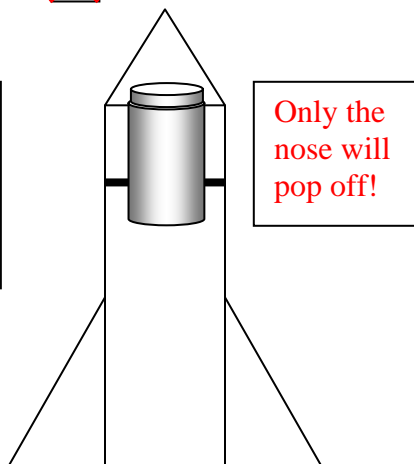
2. Which of these rockets will NOT lift off?

This one won't!



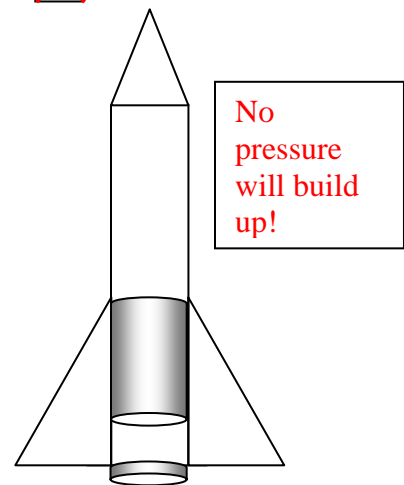
Engineers forgot to attach the pop engine to the structure

This one won't!



Engineers attached the pop engine to the top

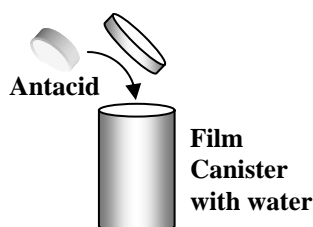
This one won't!



Unable to secure lid to pop engine (pop engine mounted too high)

3. If a piece of antacid (like Alka-Seltzer®) is put into a film canister with water and the lid is snapped on, what will happen and why?

The antacid and water react and form a gas. As more and more gas is created, pressure builds up in the canister and pushes against the lid. The pressure finally becomes strong enough to "POP" the lid off!



Snap!

