Goblins!

Many homes have goblins living in them. Usually these pests are content to steal an odd sock out of the dryer or burn out a light bulb. Sometimes, though, they get it into their heads to do what they call a "big nasty". When this happens, you can be sure that there will be trouble.

Alicia Blaylock has purchased 4 and 1/2 boxes of cup cakes for a big party. During the night, the goblins sneak in and lick 1/3 of them. This causes them to become moldy and sprout mushrooms! The next morning, Alicia freaks out! How many boxes of cupcakes can she salvage for the party?

Bobby Blaylock is trying to play video games over the internet. Normally, he wins about 1/2 of the games he plays. Today, however, the goblins keep disconnecting the internet 2/3 of the time that he is about to win. It is driving Bobby crazy! What fraction of the games is Bobby actually able to win?

It is time to party! The family has ordered 24 slices of pizza for everyone to enjoy. After they eat 1/4 of the slices, Belinda Blaylock notices that 1/3 of the slices have bugs in them! The goblins have struck again! How many slices of super-gross bug pizza were eaten by the Blaylocks?

Big Bob Blaylock has had enough! He sets out a bunch of traps to take care of these pests once and for all. He catches 1/4 of the goblins using mouse traps scattered around on the floor. Another 1/3 of them are captured in animal traps that Big Bob has baited with sandwiches. A final 2/5 of them get all tangled up in sticky flypaper placed around the vents and cupboards. Big Bob gathers them up and takes them out to a goblin preserve in the wilderness. What fraction of the goblins did Big Bob capture? Did he get them all?

MATH MADNESS!