

Mr. Goodman Tells the End of the Kingdom of Light Story (1.51 minutes)

Mr. Goodman: That's fantastic. This angle is equal to this angle. Now what if there was only one spot, the whole floor was heated and so the rat could run, but it could only stop in the one cool spot. And the one cool spot was right here. Is there anywhere the rat could put the mirror? There is? Well how am I gonna go about figuring out where that mirror should be?

(Student answers)

Mr. Goodman: Okay so you're saying, let me do it in another color. You're saying figure out what angle it would have to come off at, and what angle is the mirror gonna be at? Would this be right? No.

(Student answers)

Mr. Goodman: Ah, so do it like that so that angle is the same as that angle. So you can see, no matter where you put the mirror in the room, she could see it as long as the mirror is at the right angle. So she would have to be really good with her bread crumbs, and the fact is she was really good with her bread crumbs and she was able to open up the key, and amazing the way magic works in a story like this, that as soon as the combination was opened and she stepped out, the whole dungeon burst into the most beautiful colors and the forces of evil fled back across the mountains and her parents said, "oh we were just sleeping, down by the pigsty, we're covered in..." And oh the mud itself was multicolored as they streaked forward to give her an embrace!

<http://youtu.be/E1hiaDrceqY>