



Problem of the Week

Problem B

Stop Motion - an Oxymoron

Alysia has decided to shoot a stop motion video using some of her toy cartoon characters.

- If she wants her video to be 30 seconds long with each photo running for 0.3 seconds, how many photos will she need to take?
- She discovers that it is taking her about 2 minutes and 20 seconds to take each photo. How many minutes will it take her to shoot all the photos for her video?
- After researching why her video seems so jerky, she discovers that stop motion movies are shot at 20 frames per second. How many photos will she need to take to make a 30 second (half a minute) stop motion movie?

