

Name _____



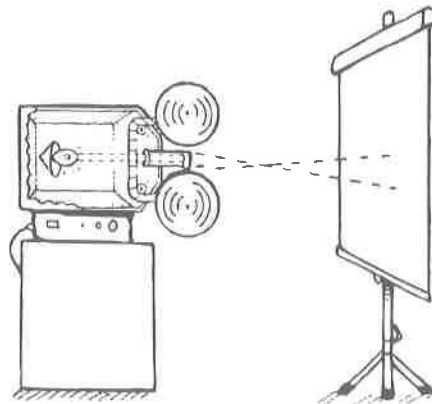
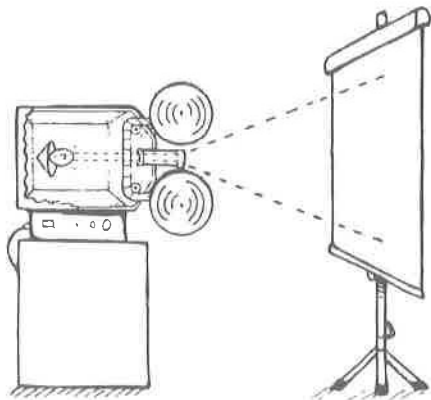
**Day
3**

Weekly Question

How does a movie projector work?

As film moves through a projector, light passes from the bulb through the film and then through a lens. The lens refracts the light, making the image on the film much, much bigger. The lens can also be adjusted, or moved. This changes how the light is refracted and focuses the image so that it looks clearer to us on the screen.

- A.** Circle the diagram that correctly shows how a projector lens refracts light.



- B.** Name something with a lens that you have to focus in order to use.

- C.** Many classrooms have an overhead projector, which passes light through a transparency and shows it on a screen or wall. Explain how you think an overhead projector is like a movie projector.
