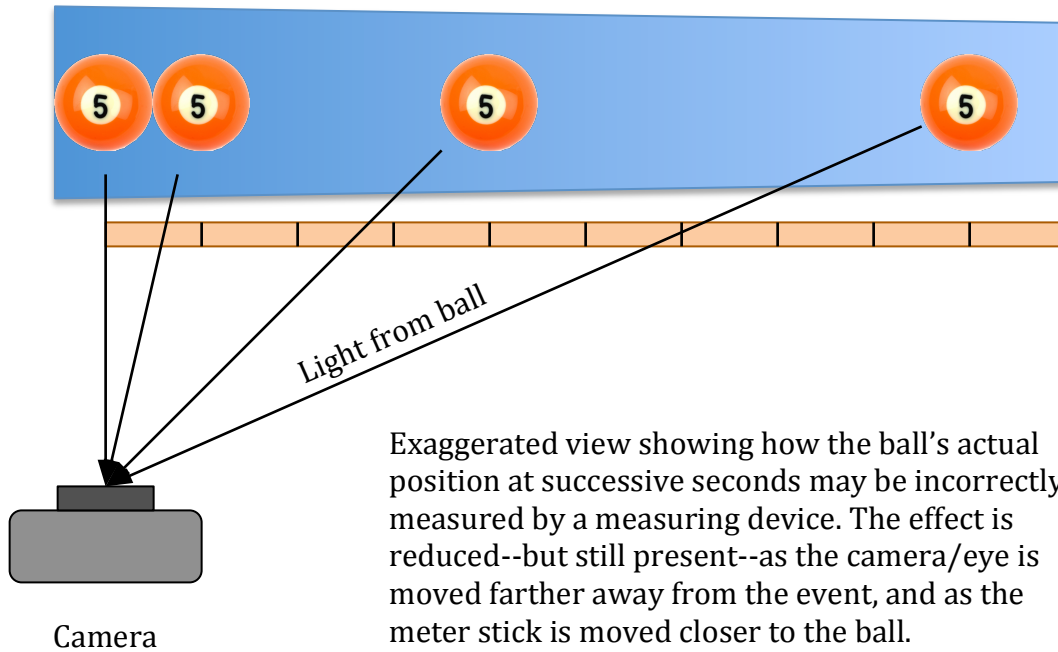


Top View



Exaggerated view showing how the ball's actual position at successive seconds may be incorrectly measured by a measuring device. The effect is reduced--but still present--as the camera/eye is moved farther away from the event, and as the meter stick is moved closer to the ball.

With a little work, you may be able to discover a formula that will allow you to determine the true location of the ball, based on the (incorrectly) measured location, the location of the meter stick, and the location of the camera. This would allow you to calculate the correct location of the ball.

Or you may wish to develop some way of reducing or eliminating entirely the parallax error in the measurements themselves.