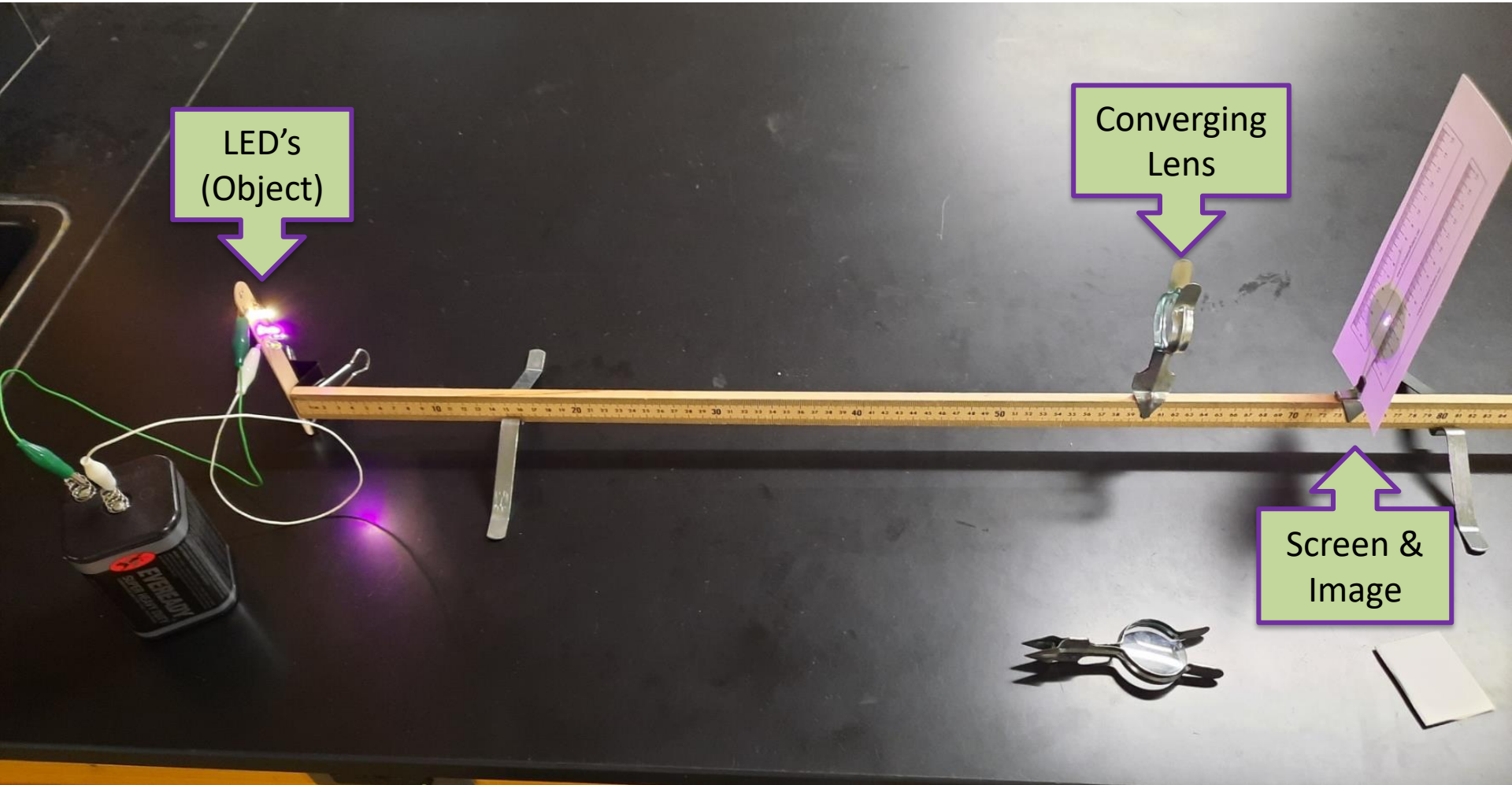


Part A – Real Images



6 V
battery

+

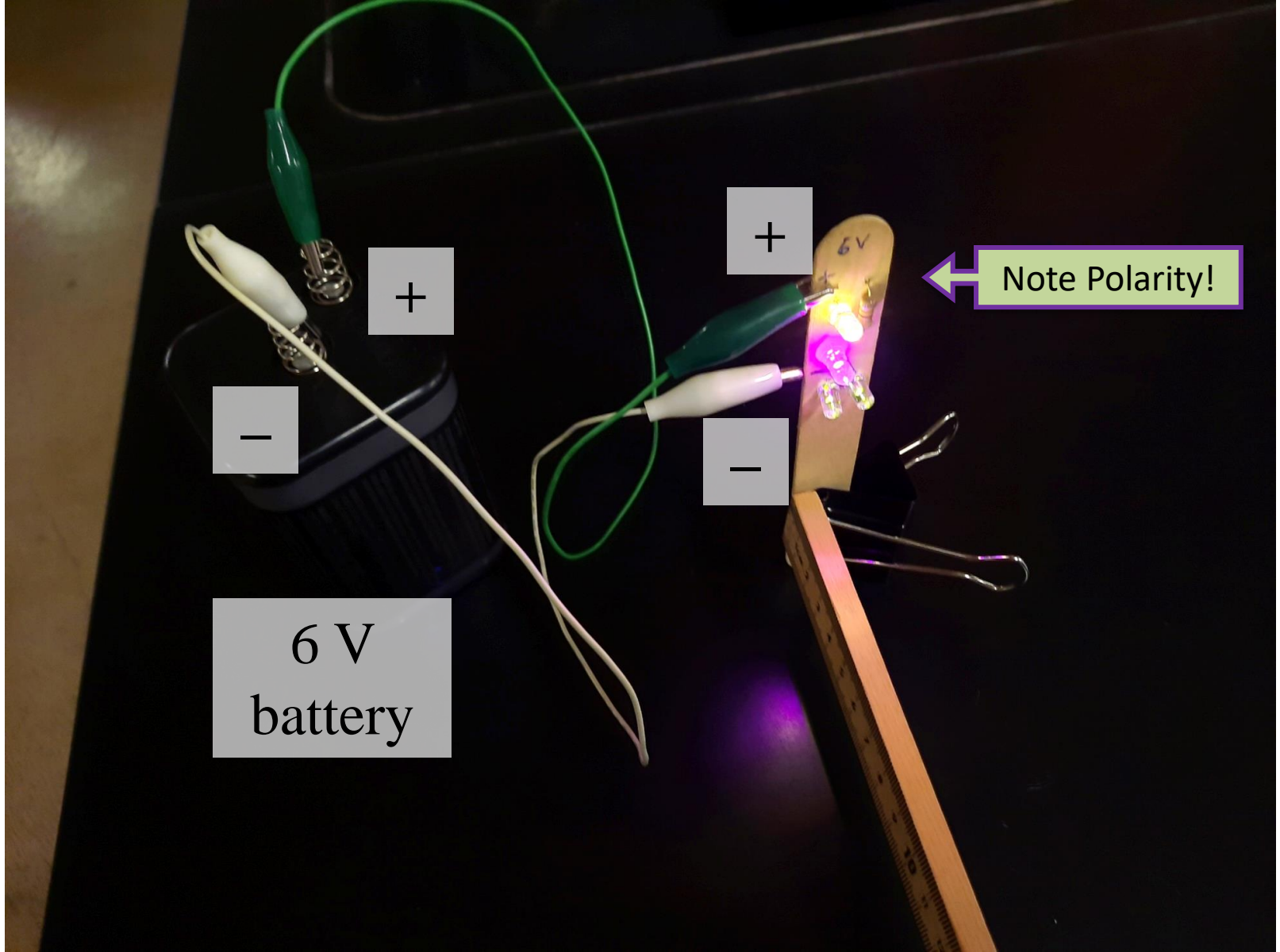
-

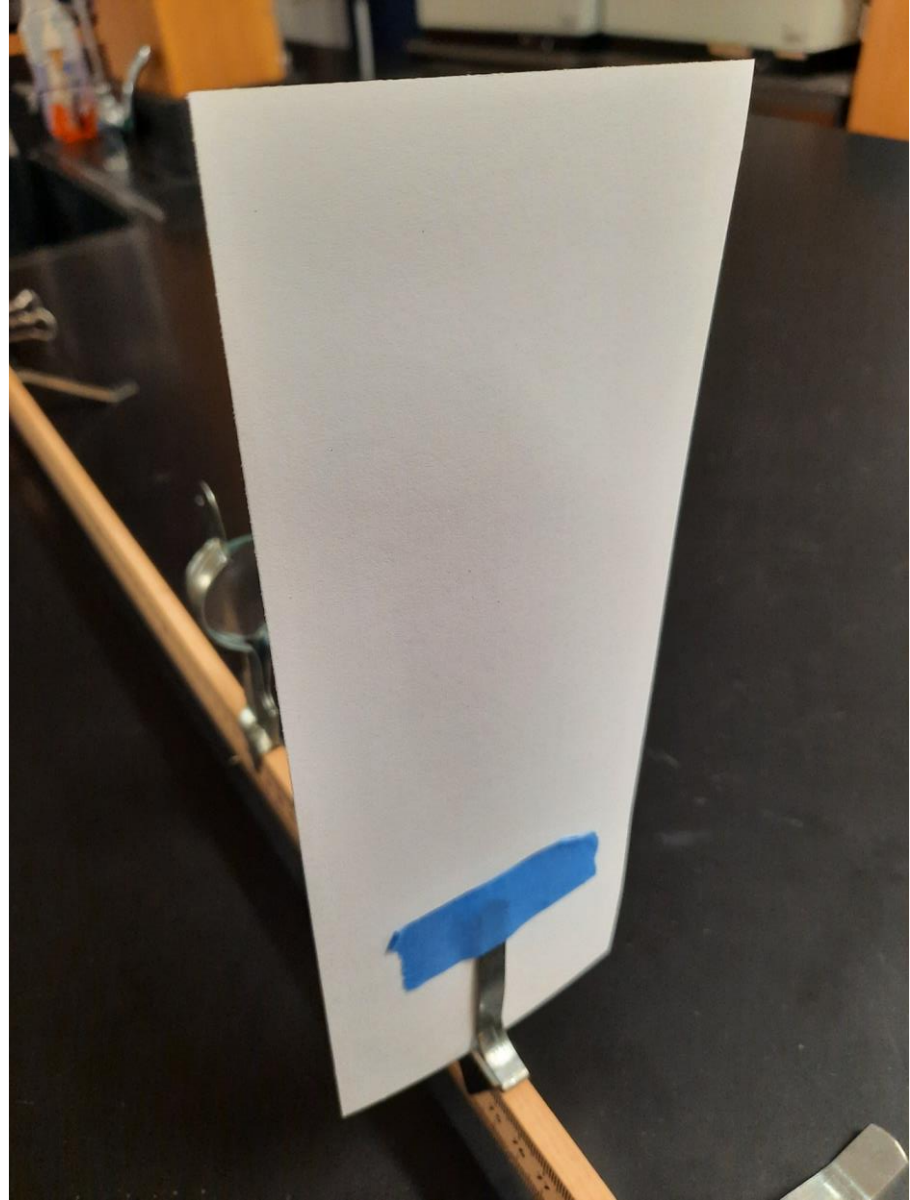
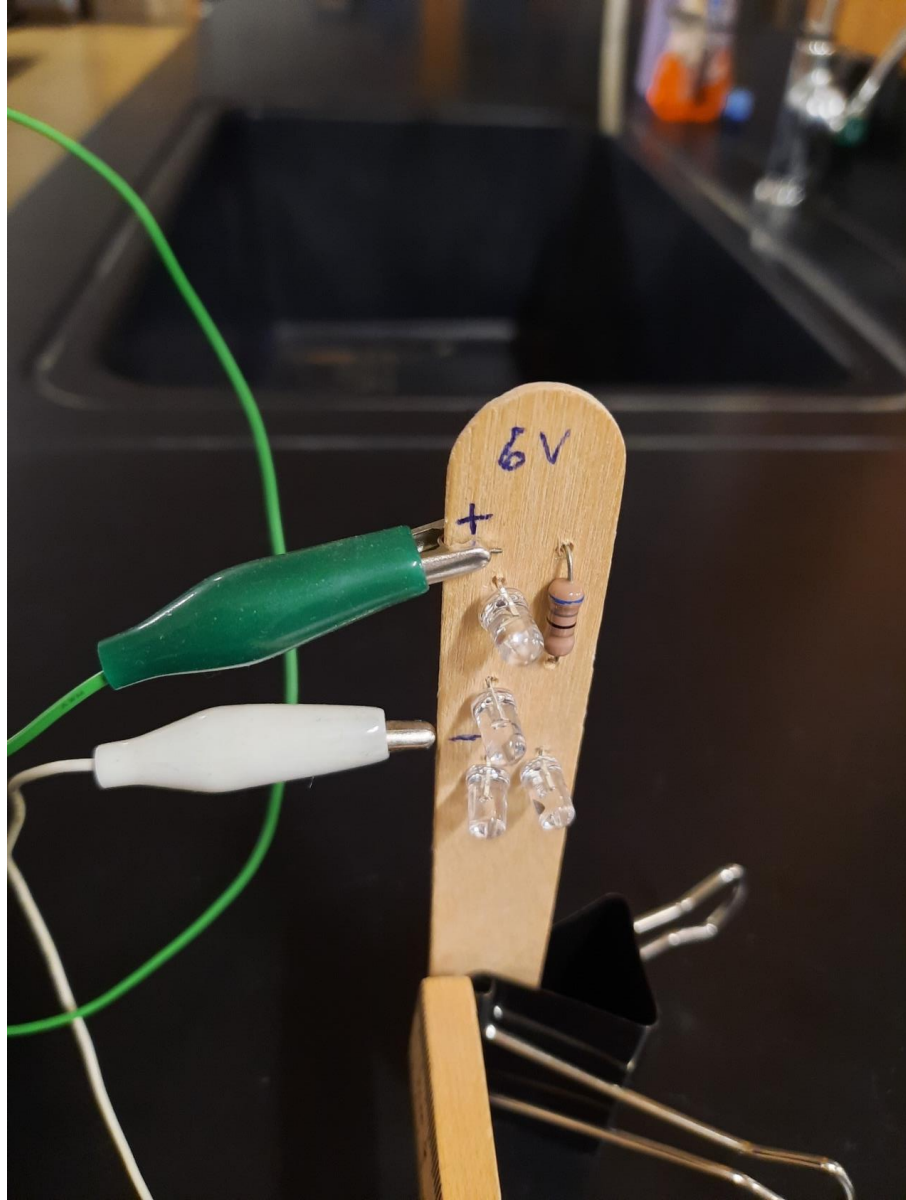
+

-

Note Polarity!

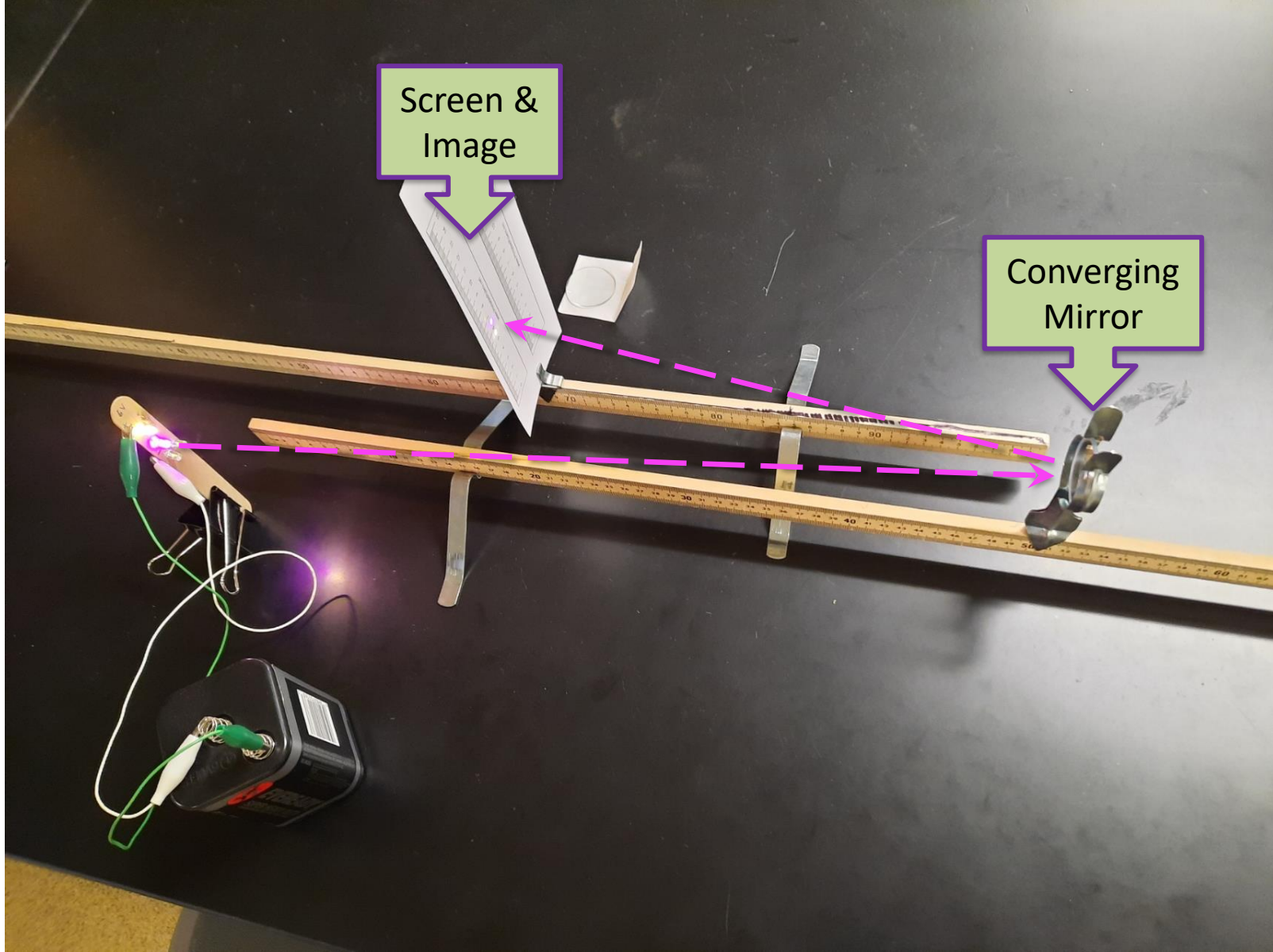
6V

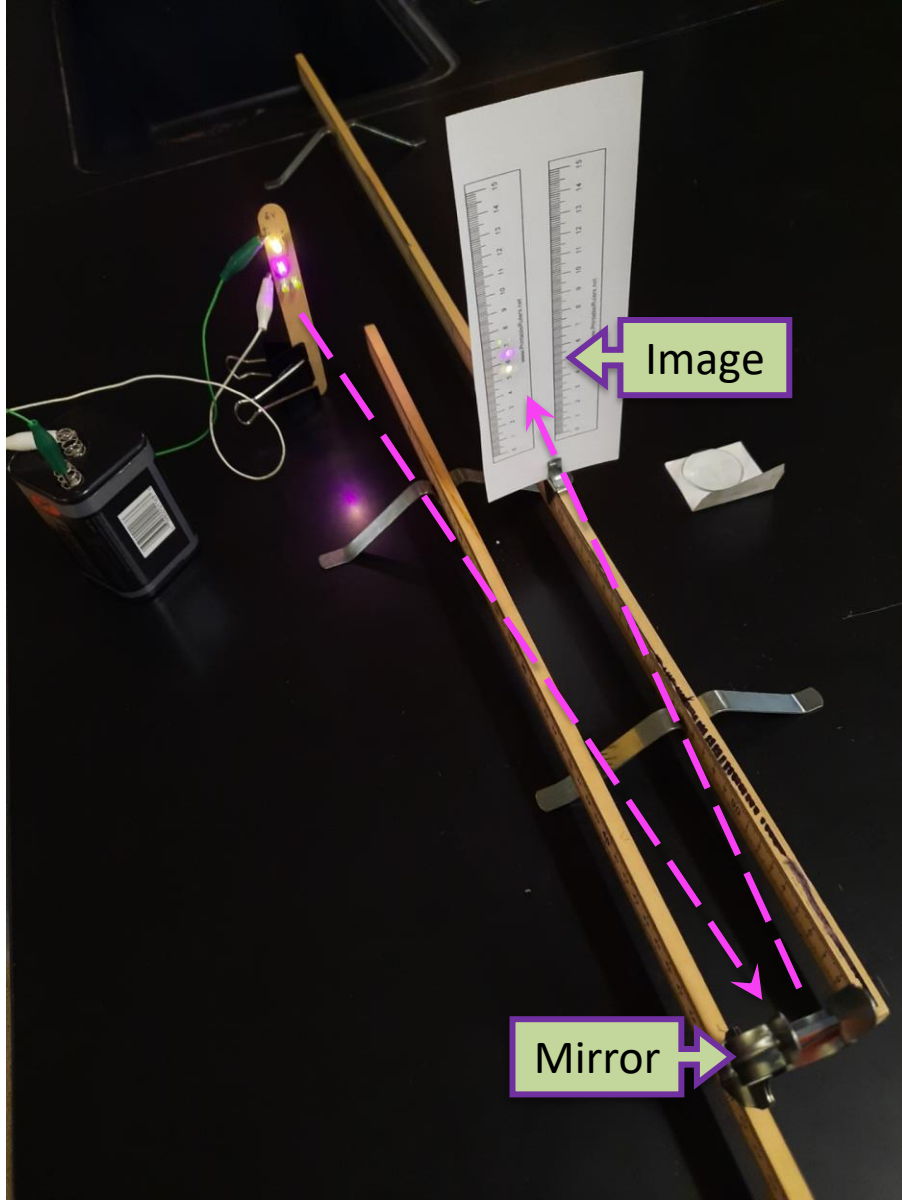
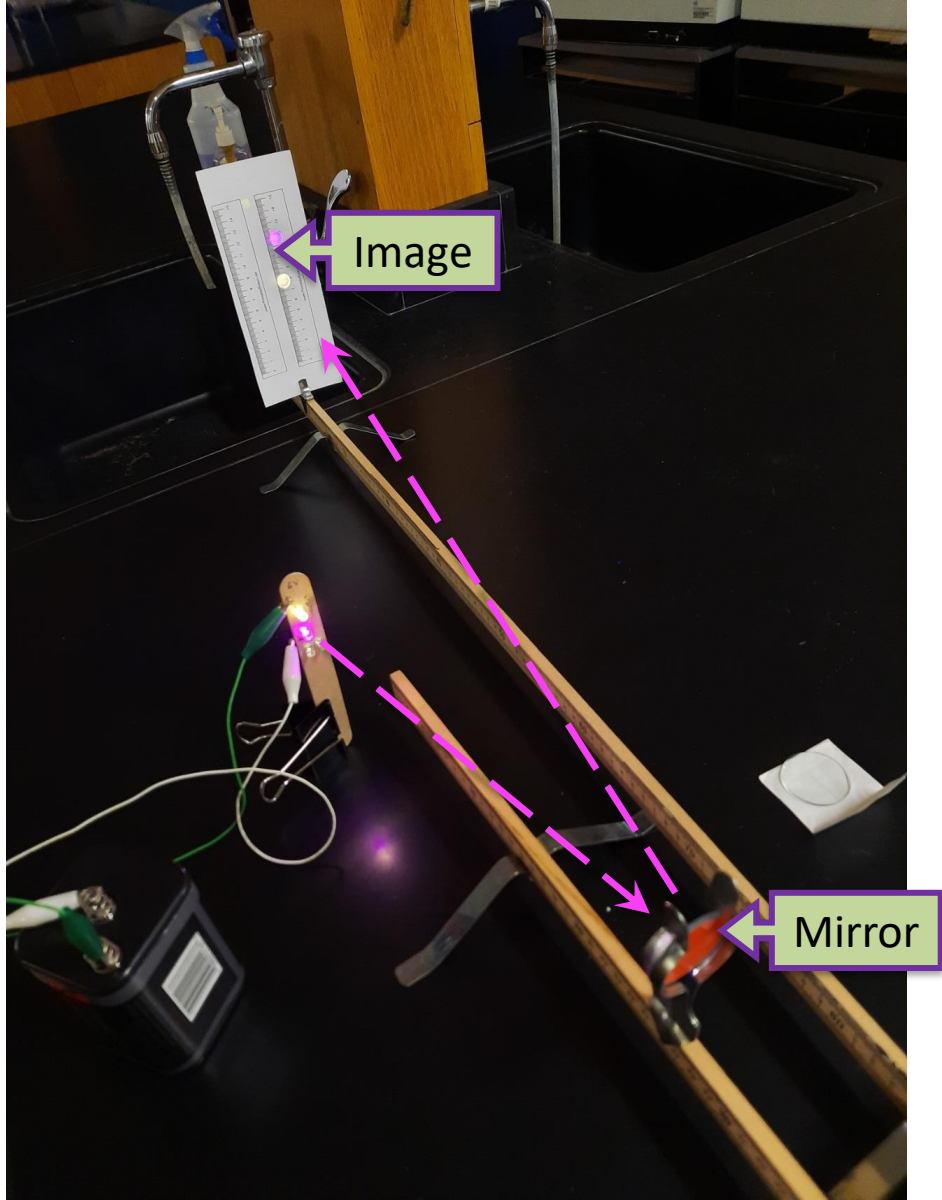


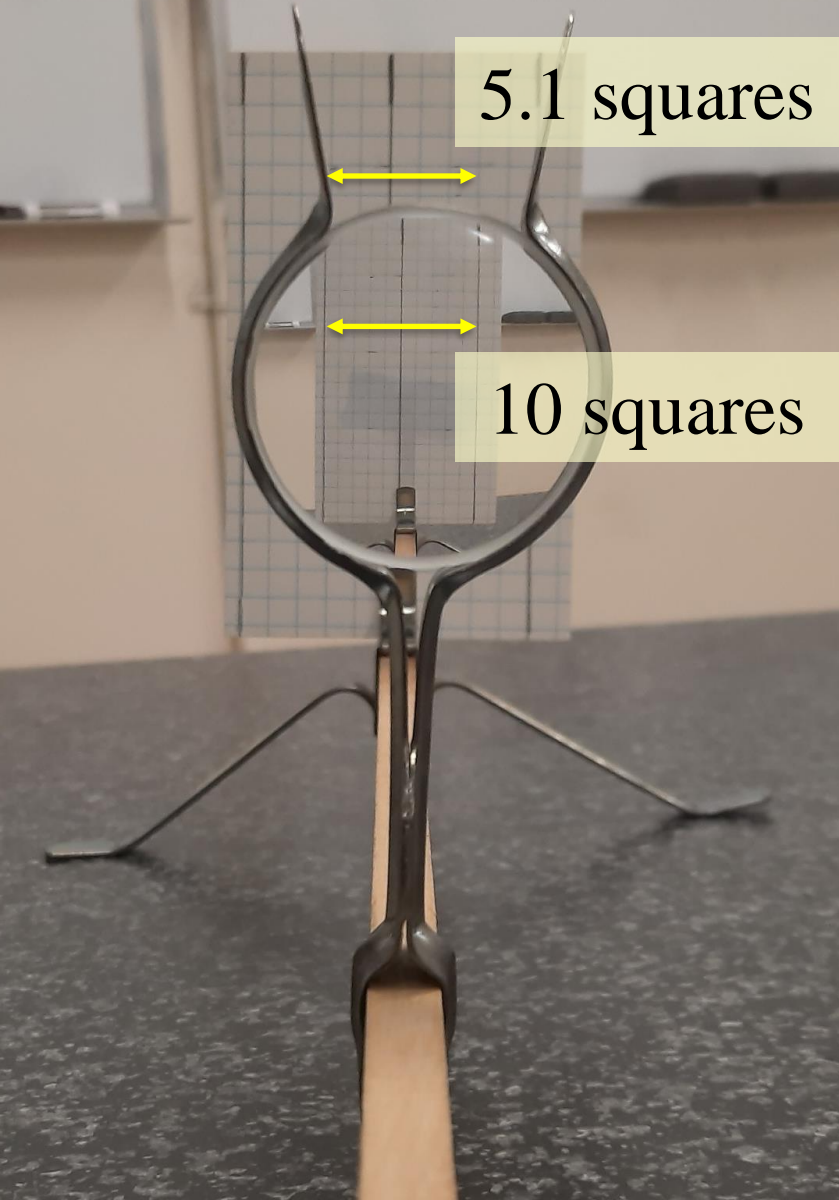


Screen & Image

Converging Mirror







Part B – Virtual Images

Ratio of sizes = $5.1/10 = 0.51$

Apparent Magnification = 0.51

The squares viewed through the diverging lens appear 0.51 times as big as the squares viewed without the lens. The apparent magnification is 0.51.