

**Answer on Question #46353 – Physics - Other**

Which of these may NOT be a useful apparatus in an optical experiment?

optical pins  
lenses  
protractor  
crocodile clip

**Solution:**

Optical pins are used as optical experiment objects.

Lens is optical system in which light is refracted, so it is one of the main components of the optical experiment.

Protractor is used to measure angles in optical experiments (such as the angle of refraction)

Crocodile clip is not used in the optical of the experiment

**Answer:** crocodile clip