

Name-Surname _____ Class M.3 No. _____

Worksheet 1: Types of Telescopes

Points of comparison	Refracting Telescope	Reflecting Telescope
Definition		
Diagram		
Process		
Advantage		

An optical instrument that uses 2 mirrors and a lens to collect and focus light from far away objects.

An optical instrument that uses 2 convex lenses to collect and focus light from far away objects.

Light rays are reflected and they converge.

Light rays are refracted and they converge.

They collect more light and give clearer images.

Lenses are more durable than mirrors.

