

DATA SHEET

MP4

 Name

 Date

 Section

Telescopes and Lenses

Section V-1. (Astronomical telescope)

Number of unmagnified spaces = _____ Uncertainty = _____

Number of magnified spaces = _____

Section V-2. (Galilean telescope)

Number of unmagnified spaces = _____ Uncertainty = _____

Number of magnified spaces = _____

Section V-3. (Focal length of a pair of convex lenses)

 $c =$ _____

o (mm)	l (mm)	t (mm)	i (mm)	t (mm)	i (mm)	t (mm)	i (mm)
110							
120							
130							
140							
150							
160							
170							
180							

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Section V-4. (Magnification of a pair of convex lenses)

$$l = \underline{\hspace{2cm}} \quad \sigma_l = \underline{\hspace{2cm}}$$

$$l' = \underline{\hspace{2cm}} \quad \sigma_r = \underline{\hspace{2cm}}$$

