

## Optics Unit Exam Review

### Reflection

- description of light
- why we see things – luminous, reflection, absorption
- electromagnetic spectrum
- sources of light
- plane mirror – laws of reflection
- characteristics of an image
- curved mirrors – concave and convex
- Ch. 11 Review
- Light Quiz

### Refraction

- what is refraction
- index of refraction – rules for refraction
- Snell's Law ( $n_1 \sin 1 = n_2 \sin 2$ )
- total internal reflection - critical angle
- Ch. 12 Review

### Lenses

- images formed by a converging lens
- images formed by a diverging lens
- thin lens equation
- magnification equation
- human eye
- eye defects
- Ch. 13 Review
- Optics Unit Test

You will need:

calculator, protractor, ruler