

## Refraction of Light

### Acrylic Block

Name: \_\_\_\_\_

Trace around your acrylic block in the middle of the page.

#### Light Entering the Block

Measure the angle of incidence at this point. \_\_\_\_\_

Measure the angle of refraction at this point. \_\_\_\_\_

Is this bending towards or away from the normal? \_\_\_\_\_

#### Light Leaving the Block

Measure the angle of incidence at this point. \_\_\_\_\_

Measure the angle of refraction at this point. \_\_\_\_\_

Is this bending towards or away from the normal? \_\_\_\_\_

#### Summary of Refraction (circle the correct response)

When light travels from low density to high density it will bend **away/towards** the normal.

When light travels from high density to low density it will bend **away/towards** the normal.