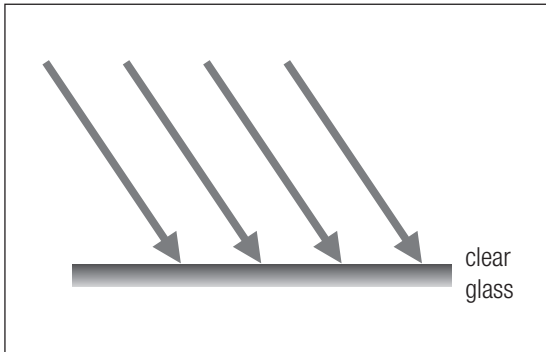


Use with textbook pages 172–175.

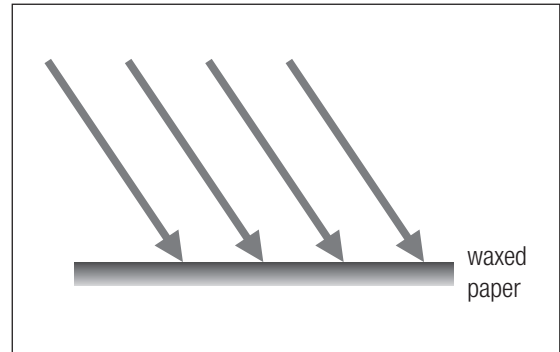
## Predictable behaviour of light

Complete the diagrams below.

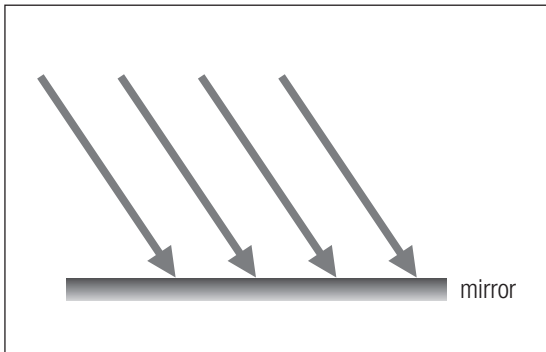
1. Draw the light rays that result when light rays strike a transparent surface.



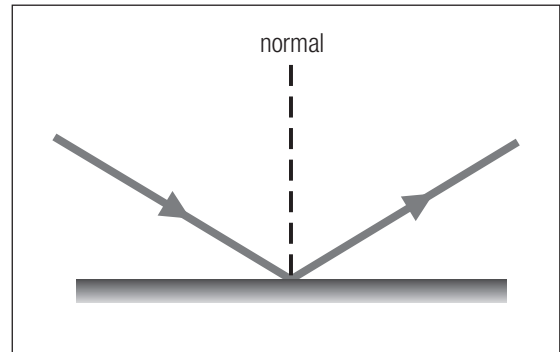
2. Draw the light rays that result when light rays strike a translucent surface.



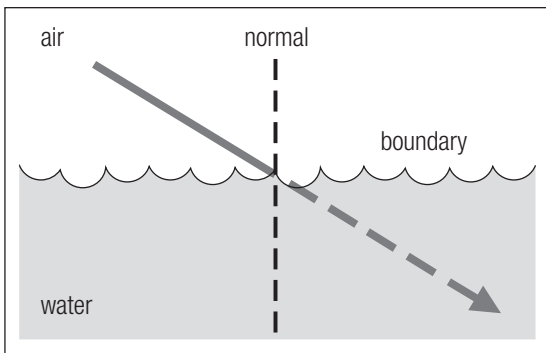
3. Draw the light rays that result when light rays strike an opaque surface.



4. Label the angle of incidence and the angle of reflection.



5. Draw the refracted ray that results when light passes from air to water. (Light travels more slowly in water than in air.)



6. Draw the refracted ray that results when light passes from water to air. (Light travels more slowly in water than in air.)

