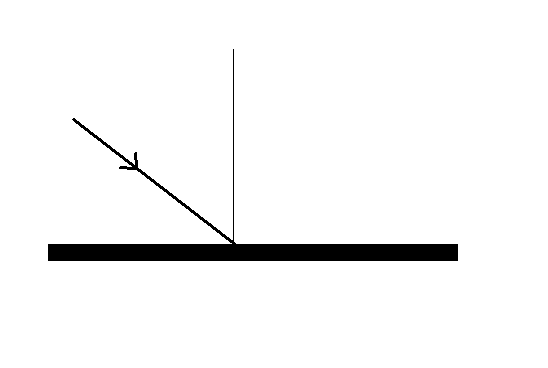
**Law of Reflection Review: Answer Key**

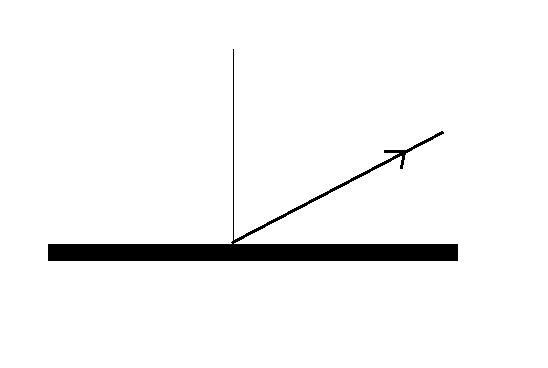
1. How does the size of the angle of incidence compare to the angle of reflection?

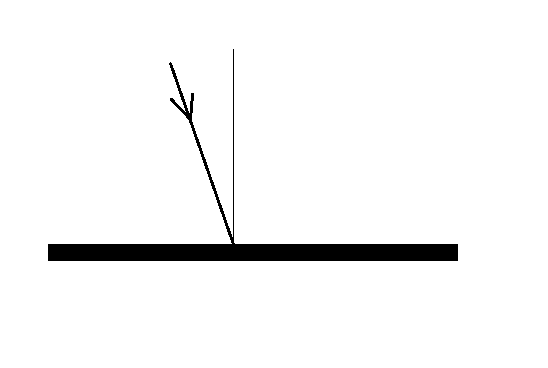
**They are equal**

1. Measure the angle of incidence with your protractor. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

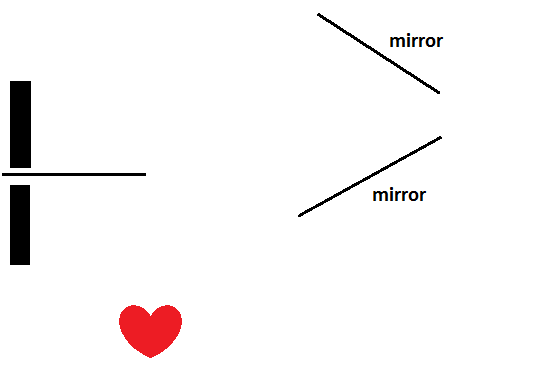
Use this angle to complete the reflected ray.

1. Use what you know about the Law of Reflection, your protractor and ruler to complete the ray diagrams.

Angle of Incidence: \_\_\_\_\_\_\_\_ Angle of Reflection: \_\_\_\_\_\_\_\_\_\_\_

Angle of Incidence: \_\_\_\_\_\_\_\_ Angle of Reflection: \_\_\_\_\_\_\_\_\_\_\_

1. The following diagram shows a light ray coming through an opening and being directed towards 2 mirrors and a heart. Use what you know about the Law of Reflection, your ruler and your protractor to draw the light ray as it bounces from mirror to mirror.



Bonus: What would happen to the light ray if the mirrors were shaped like this?

or