*Take notes during each collaborative study group as you talk about each problem:*

1. Define each of the following words and think of an example of each: Consensus, components, Model, Scattering, Reflecting, Absorbing, Opaque, Translucent and transparent

2. Why can we see our reflection in a mirror, but not a brick wall? Draw a model to explain. Be sure to include arrows and labels

3. Red light is shining in an otherwise dark room. There is a red wagon and a blue chair in the room.

What color will the red wagon appear? Explain why.

4. Red light is shining in an otherwise dark room. There is a red wagon and a blue chair in the room.

What color will the blue chair appear? Explain why.