Space Science Chapter 1.2 Section review question answers

1. They have different wavelengths. Some can pass freely through Earth’s atmosphere, while others cannot.
2. They gather and focus light
3. Building on mountains or in space diminishes or eliminates the interference from Earth’s atmosphere
4. Both produce images by gathering and focusing light. Refractors use lenses to gather light. Reflectors gather light with mirrors
5. Radio telescopes must be very large to produce images. If they had to be located on mountains or in space, they would be extremely expensive to build.
6. Each type of telescope would provide different information about the object, allowing astronomers to gain a greater understanding of its structure and features.