Physics 11 - Practice Questions

Unit: 7.3

1. What is considered the visible spectrum in the electromagnetic spectrum?
2. List 3 forms of electromagnetic radiation that have frequencies shorter than visible light.
3. In your own words, describe how you can use a mirror to see around a corner. In your explanation use the terms reflecting ray, incident ray, normal line and law of reflection.
4. Imagine you are 180 cm tall. What is the shortest mirror you can use if you want to see your whole body? Use a diagram to illustrate your answer. Will it matter how far from the mirror you stand?
5. Why is the image on a pinhole camera screen inverted?