

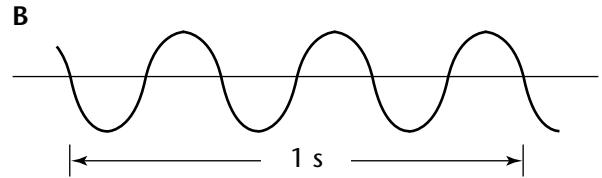
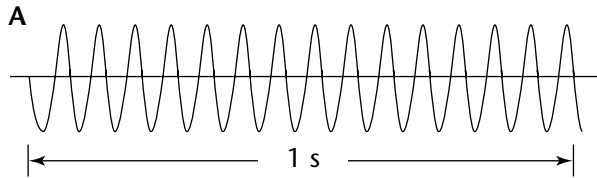
Chapter 18

Use with Section 1

REINFORCEMENT

• Properties of Light

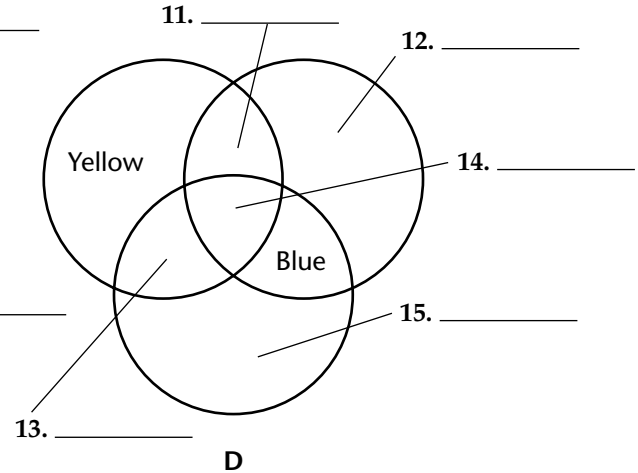
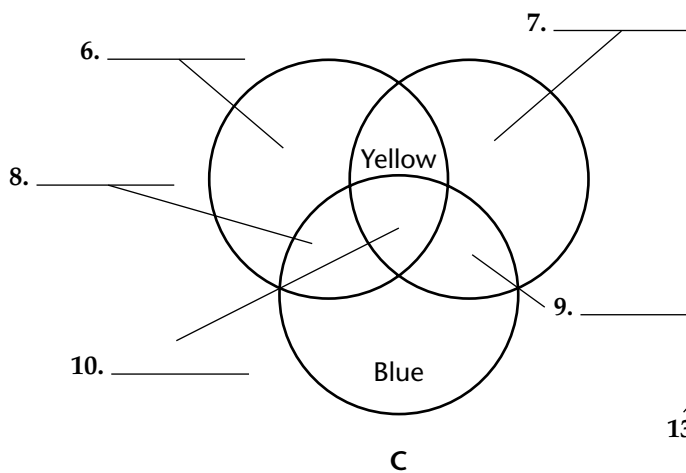
Use the light waves below and a metric ruler to answer the questions that follow.



1. What is the wavelength of wave B? _____
2. What is the frequency of wave A? _____
3. What is the frequency of wave B? _____
4. Which wave carries more energy? Why? _____

5. Which wave could represent a radio wave? Why? _____

Complete the charts by filling in the missing colors and answer the questions.



16. Which chart shows what happens when pigments are mixed? _____
17. What colors of light are reflected by an object that appears white? _____

Answer the following questions.

18. Why can't you see a book in a dark room? _____
19. How is an opaque object different from a translucent object? _____

