



Name _____ Class _____ Date _____

1 What is shown in the diagram below?



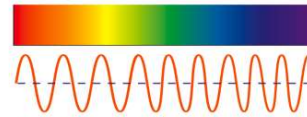
- A colors we cannot see
- B the visible light spectrum
- C a color wheel
- D a frequency chart

3 X-rays and waves in your microwave oven that cook your food are examples of _____



- A electronic waves
- B sound waves

4 A concave lens is thinner in the middle than on its edges and makes things look _____.



- A wavelength decreases, frequency increases
- B wavelength increases, frequency increases
- C wavelength increases, frequency decreases
- D wavelength decreases, frequency decreases



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

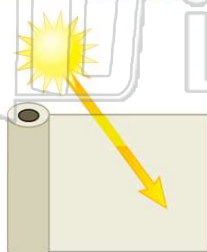
7 What is shown in the diagram below?
A a drinking glass
B a brick wall
C a window
D T.V. glass



- B a brick wall
- C wax paper
- D a window



9 What type of material is wax paper?
A transparent
B translucent
C opaque
D dense



10 Which is an example of an opaque material?

- A a piece of stained glass
- B a brick wall
- C wax paper
- D a window





ANSWER KEY

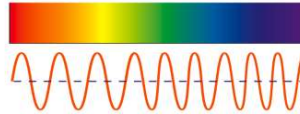
What is shown in the diagram below?



- A colors we cannot see
- B the visible light spectrum
- C a color wheel
- D a frequency chart

(b)

What happens on the visible spectrum as you move from **right to left**?



- A wavelength decreases, frequency increases
- B wavelength increases, frequency increases
- C wavelength increases, frequency decreases
- D wavelength decreases, frequency decreases

(a)

X-rays and waves in your **microwave** oven that cook your food are examples of _____.



- A electronic waves
- B sound waves
- C electromagnetic waves
- D _____

(c)

A **concave lens** is **thinner in the middle** than on its edges and makes things look _____.



- A wider
- B smaller
- C brighter
- D larger

(b)



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

- C a window
- D T.V. glass

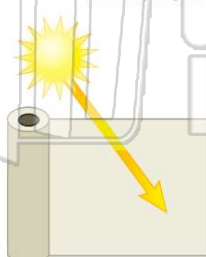


- C wax paper
- D a window



What type of material is **wax paper**?

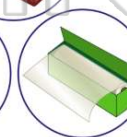
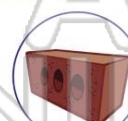
- A transparent
- B translucent
- C opaque
- D dense



(b)

Which is an example of an **opaque material**?

- A a piece of stained glass
- B a brick wall
- C wax paper
- D a window



(b)