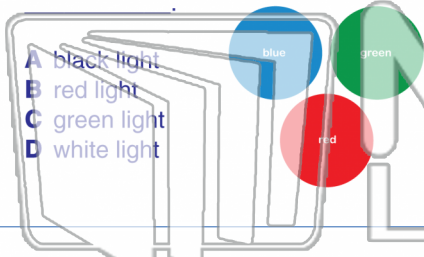




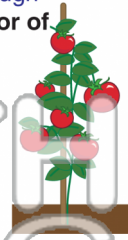
Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 When the **primary colors of light** are **added together** the result is



2 A tomato plant is viewed through a color filter. What is the **color of the filter** if the tomatoes and leaves both appear **black**?

- A blue
- B green
- C red
- D white



3 Place the electromagnetic waves on the spectrum.



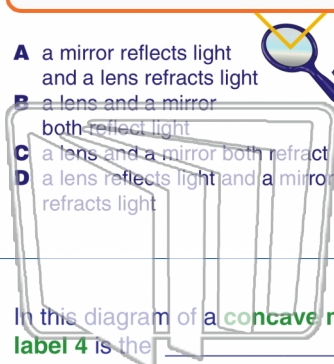
4 An electromagnetic wave transfers **electrical** and **magnetic** energy perpendicular to each other. What **kind of wave** makes up an electromagnetic wave?



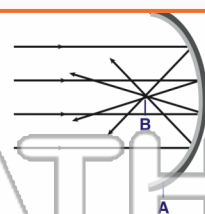
## PREVIEW

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7  
A a mirror reflects light and a lens refracts light  
B a lens and a mirror both reflect light  
C a lens and a mirror both refract light  
D a lens reflects light and a mirror refracts light

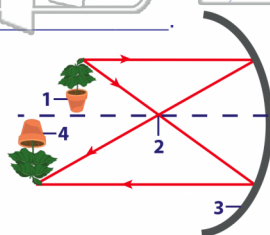


- A electromagnetic point
- B object point
- C focal point
- D optic point



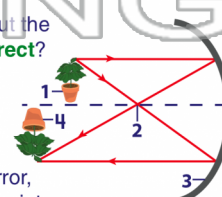
9 In this diagram of a **concave mirror**, **label 4** is the \_\_\_\_\_.

- A image
- B object
- C focal point
- D optical point



10 Which statement about the diagram below is **correct**?

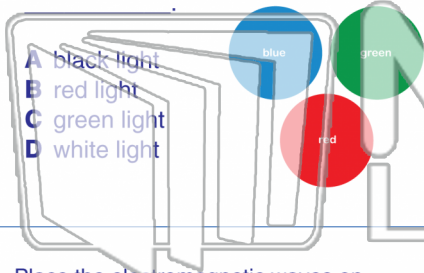
- A 3 is a convex mirror, and 2 is the focal point
- B 3 is a concave mirror, and 2 is the focal point
- C 2 is the focal point, and 1 is the image
- D 3 is a concave mirror, and 4 is the object





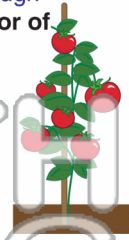
Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 When the **primary colors of light** are **added together** the result is



- A black light
- B red light
- C green light
- D white light

2 A tomato plant is viewed through a color filter. What is the **color of the filter** if the tomatoes and leaves both appear **black**?



- A blue
- B green
- C red
- D white

3 Place the electromagnetic waves on the spectrum.



4 An electromagnetic wave transfers **electrical** and **magnetic** energy perpendicular to each other. What **kind of wave** makes up an electromagnetic wave?



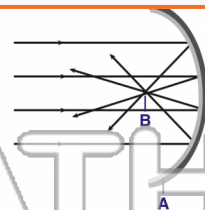
## PREVIEW

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

7 **A** a mirror reflects light and a lens refracts light  
**B** a lens and a mirror both reflect light  
**C** a lens and a mirror both refract light  
**D** a lens reflects light and a mirror refracts light

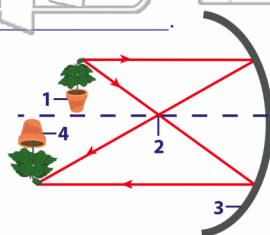


- A electromagnetic point
- B object point
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