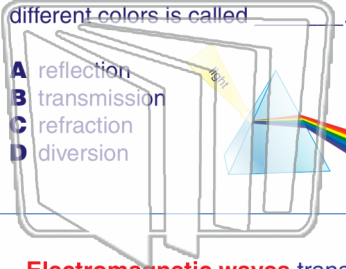




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 In the diagram below, light has passed through a glass **prism** and broken up into different colors. This **breakdown** into different colors is called \_\_\_\_\_.



- A reflection
- B transmission
- C refraction
- D diversion

2 Which is **not** true for **electromagnetic waves**?

- A They have electrical energy.
- B They have magnetic energy.
- C Charged particles produce electromagnetic waves.
- D They produce only visible light.

3 **Electromagnetic waves** transmit \_\_\_\_\_.

4 An **incubator** for baby birds uses a **light** as a source of **heat**. Which type of **electromagnetic radiation** must the light produce?

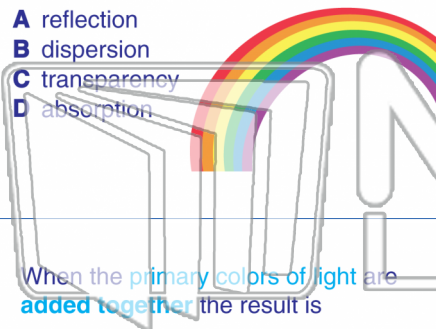


## PREVIEW

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7 \_\_\_\_\_

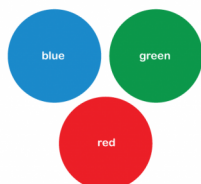
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- A the type of electromagnetic radiation
- B the brightness of the light
- C the charge of the particles
- D the type of material it passes through

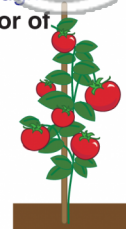
9 When the **primary colors of light** are **added together**, the result is \_\_\_\_\_.

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



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

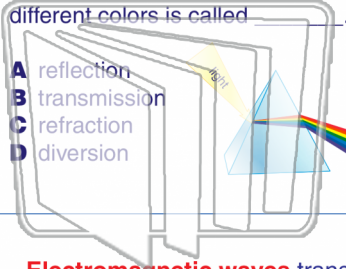
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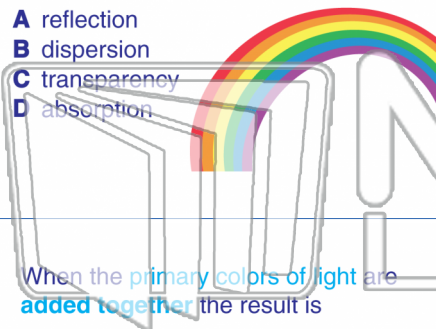


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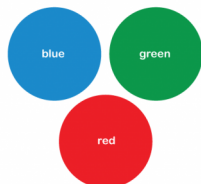
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