

Grade 4 Science Worksheet: Sources and Properties of Light_3
(DifficultyLevel: Easy)

Name: _____

Date: _____

Part 1: Fill in the Blanks

1. The _____ splits white light into seven colors.
 2. Light reflects best from _____ surfaces.
 3. The _____ carries messages from the eye to the brain.
 4. Fireflies and glowworms are examples of _____ organisms.
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Part 2: True or False

1. Refraction occurs when light passes through glass. _____
 2. The Sun is an artificial source of light. _____
 3. Light can travel through empty space. _____
 4. White objects absorb all the light that falls on them. _____
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Part 3: Multiple Choice Questions (MCQs)

1. **What causes a rainbow to form?**
 - a) Reflection
 - b) Refraction and splitting of light
 - c) Absorption
 - d) Scattering

2. **Which of these is NOT a property of light?**
 - a) Light travels in straight lines
 - b) Light reflects
 - c) Light creates heat
 - d) Light bends

3. **What part of the eye focuses light onto the retina?**
 - a) Cornea
 - b) Iris

- c) Lens
- d) Optic nerve

4. **What do we see when all colors of light are combined?**

- a) Black
- b) Red
- c) White
- d) Blue

-BE THE CHAMPION-