

NAME:

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**For each question, give a detailed explanation.**

1. If you **look through an ordinary window** during the **daytime**, you see what's **outside**. At **night**, you clearly see your own **reflection**.

**Why?** Think and try to explain the science behind both cases.

2. **What can you do** to better see what's outside (from inside!) when it's dark?

3. Estimate the **wavelength** of light given off by a **firefly**.  
(Hint: look at the visible light spectrum graph from the last Presentation.)