

LIGHT TRAVEL, REFLECTION AND RAYS

Select the correct answer:

1. Light **travels** in **straight** lines.
2. **Reflection** is when light **bounces** off an object.
3. Light reflects from a smooth surface (mirror, glass, polished metal) at the **angle** as it hits the surface.
4. For a **smooth surface**, reflected light rays travel in the **same** direction.
5. For a **rough surface**, (leather, stone, fabric) reflected light rays scatter in **different** directions.
6. Which diagram shows a smooth surface?

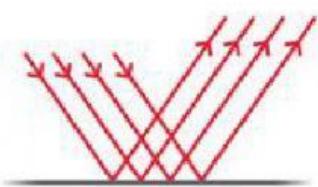


Diagram A

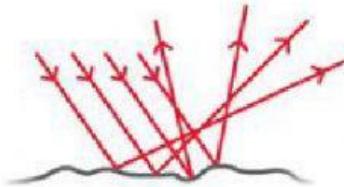


Diagram B

7. Light intensity is measured with a **device** called a **photometer**.
8. Give an example of a **dim** light
9. Give an example of a **bright** light

