

Activity 1: Match the picture to its description

Reflection

Opaque

Transparent

Translucent

Activity 2: Match the Interactions of light

Transmission

Reflection

Absorption

Activity 3:

Calculate the speed of light travelling from its source over a distance of 100m in 0,01 s.

A. $100 \text{ m} \times 0,01 \text{ s} = 1 \text{ m/s}$

B. $100 \text{ m} \times 100 \text{ m} = 10000 \text{ m}$

C. $100 \text{ m} \div 0,01 \text{ s} = 10\,000 \text{ m/s}$

D. $0,01 \text{ s} \div 100 \text{ m} = 0,0001 \text{ m/s}$