

Shadow Investigation



Does moving the light source closer to the object make the object's shadow longer?

1. How will you investigate this question? Draw a step by step to show what you will do in your investigation.

First _____ _____ _____ _____	Then _____ _____ _____ _____	Finally _____ _____ _____ _____

2. What equipment will you need for your investigation?

- _____
- _____
- _____
- _____
- _____

3. Results.

Distance (cm) between light source and object.	Length of shadow (cm)





4. Does moving the light source further away from the object make the object's shadow longer? Explain your answer using your findings.

