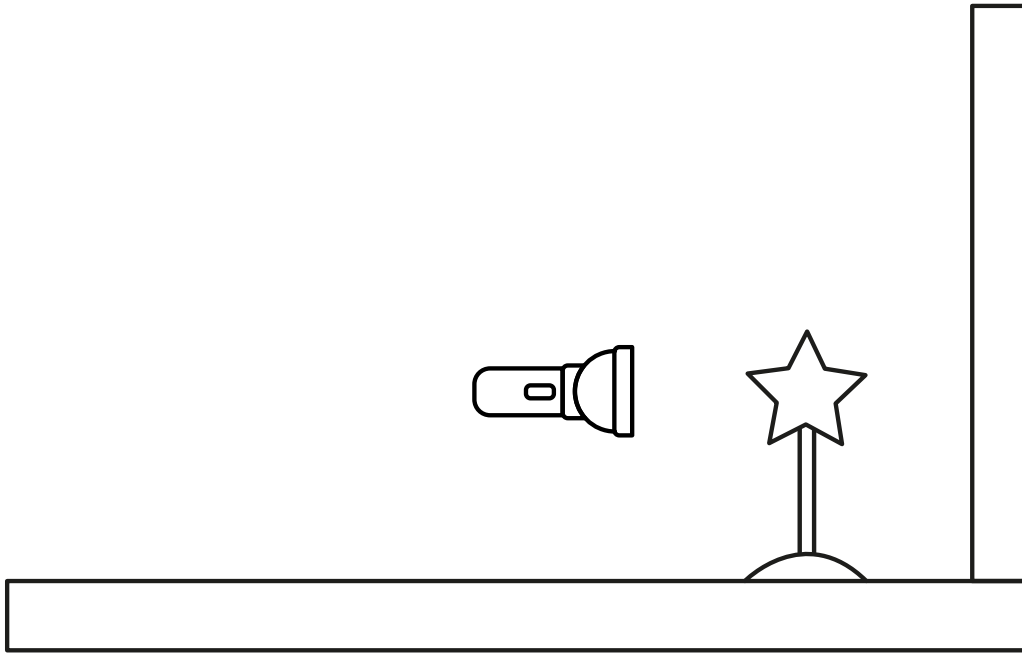


Name:

Date:

Knowledge and skills catcher: Light and reflection

We want to carry out an experiment to find out how the distance between the light source and the object affects the size of the shadow.



1. Label the equipment in the diagram.

2. What is the variable being changed?

3. What is the variable being measured?

Name:

Date:

Knowledge and skills catcher: Light and reflection

We want to carry out an experiment to find out how the distance between the light source and the object affects the size of the shadow.

4. Give an example of **one** control variable. Explain how to keep it the same throughout the experiment.

5. Give an example of a material that could be used to make the shape.

6. Why is this suitable for casting a shadow?
