



Name: Form:

Based on pages 12 and 13 of *Light and shadows*

Looking at shadows

Try this...

1. Make a collection of objects.
2. Take each object and predict the shadow it will make when a torch is shone from one side of it. Make a drawing of your predicted shadow on a separate piece of paper.
3. Take each object and shine a torch on it. Look at the shadow and compare it with your prediction.
4. Is the shadow of an object the same no matter where the light shines from?

Write down a plan, or draw a picture, to show how you would test this.

5. Show your plan to your teacher. If your teacher approves, try your investigation.

6. What did your investigation show?



