

Making rainbows

- 1) Put the black slit in front of the torch
- 2) Put the lens about 30 cm away from the torch
- 3) Put the white piece of paper about 10 cm away from the lens, so you see only a thin line of light on the white paper
- 4) Put the prism between the lens and the white paper
- 5) Turn the prism until you can see a rainbow on the white paper



You will need:

- One lens
- One prism
- One torch
- One ruler
- One black slit
- One white piece of paper

Draw your experiment. Remember to label your diagram!

What colour light did the torch make? _____

Describe what happened to the light from the torch after it went through the prism:

Name _____ School _____