

## Worksheet 3: We build a thermal solar plant – With a magnifying glass and mirror

### Task

Imagine a scientist answers a student's questions.

Think of the correct questions to the given answers and write them into the speech bubbles.



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A convex lens converges parallel light onto the focal point.



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We call the distance between the convex lens and the focal point the focal length "f".



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The paper starts to burn when the focal point of the convex lens reaches the paper's ignition temperature.



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Yes, a concave mirror reflects parallel light beams onto a focal point.

