

光線圖補充工作紙

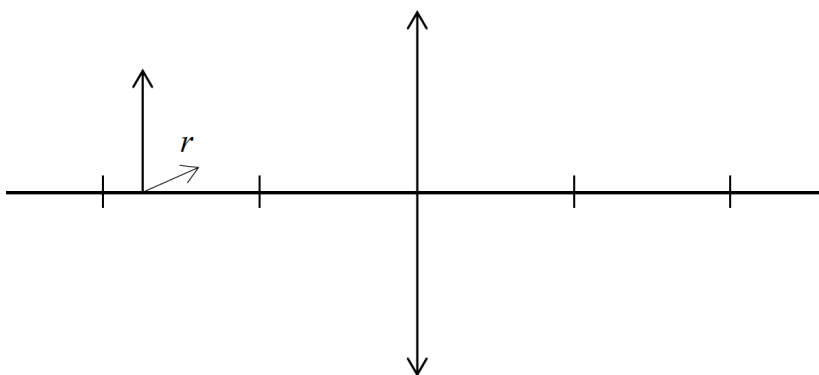
姓名: _____

Ray diagram supplementary worksheet

學號: _____

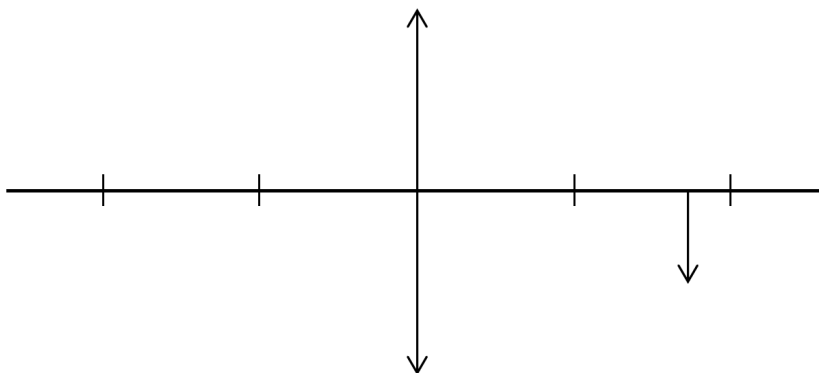
1. 已知物件和透鏡，標示成像，並完成光線 r 。

Given the object and lens, indicate the image and complete the ray path r .



2. 已知成像和透鏡，標示物件。

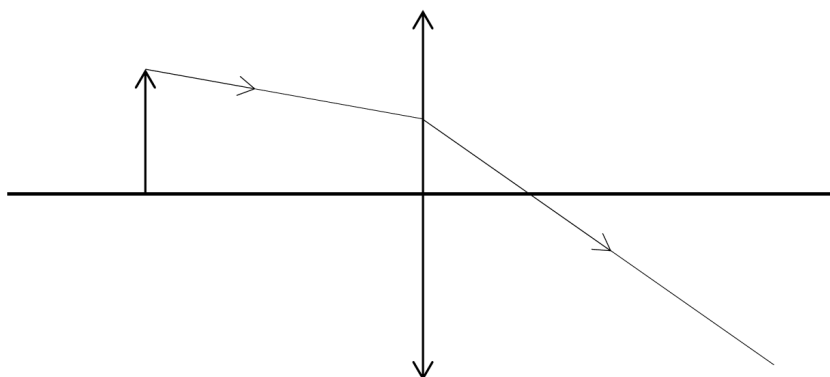
Given the image and lens, indicate the object.



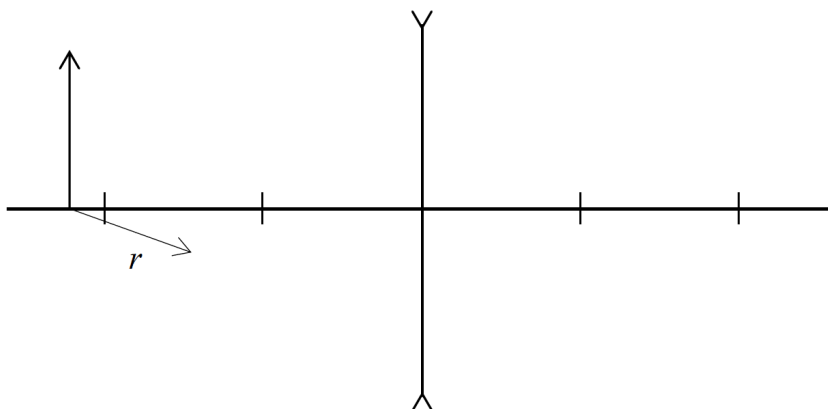
3. 已知成像和物件，標示透鏡的位置及焦點。
Given the image and object, indicate the lens and focus.



4. 已知物件、透鏡和一條光線，標示成像和焦點。
Given the object, lens and a ray, indicate the image and focus.

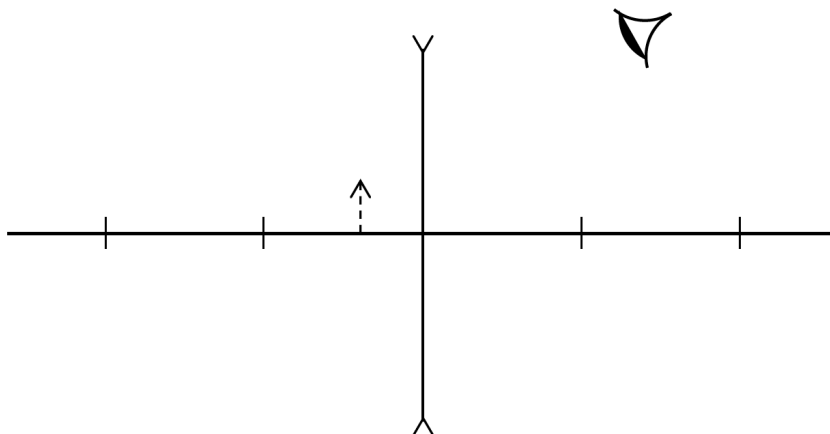


5. 已知物件和透鏡，標示成像，並完成光線 r 。
Given the object and lens, indicate the image, and complete ray r .



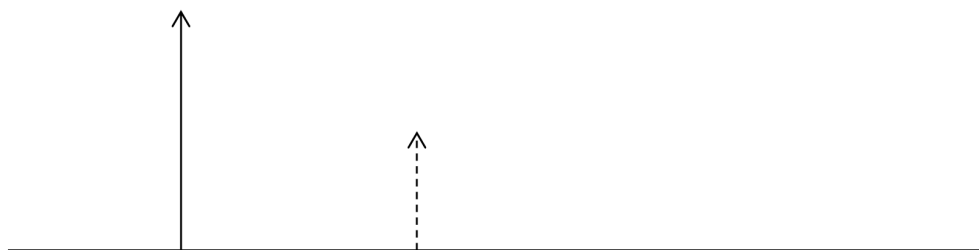
6. 已知成像和透鏡，標示物件。繪製使觀察者看到成像的光路。

Given the image and lens, indicate the object. Draw the rays so that the observer can see the image.



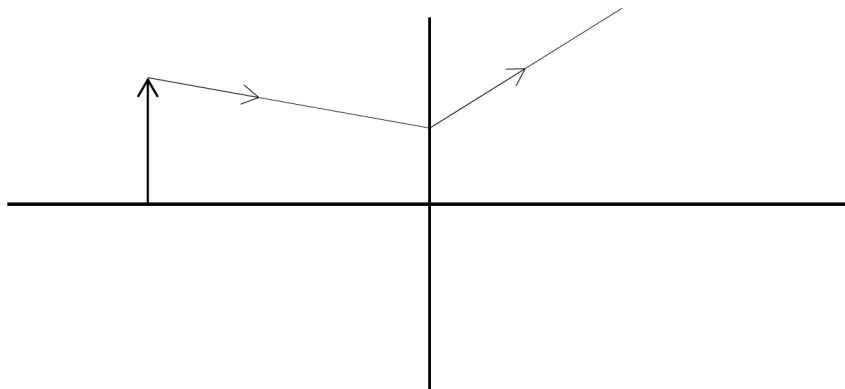
7. 已知成像和物件，標示透鏡的位置及焦點。

Given the image and the object, indicate the lens and focus.



8. 已知物件、透鏡和一條光線，標示成像和焦點。

Given the object, lens and a ray, indicate the image and focus.



9. 完成下列光路。

Complete the following rays.

