



# Concave and Convex

I can ask questions about the size of images in concave and convex mirrors.

I can carry out an investigation and record data to answer my question.

I can explain how concave and convex mirrors change images.



**You will investigate how convex and concave mirrors change the size of an object's image.**

What question will you ask?

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What do you predict will be the answer to your question?

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Look at the same object in each mirror. Make sure each mirror is held the same distance away from the object. Record what you see in the table below.

Type of Mirror	Size of Image
plane	
concave	
convex	

Look at your results. Do they help you answer your question?

Write your conclusion below, answering your question in full sentences.

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**These words may help you.**

concave  
image

convex  
bigger

plane  
smaller

mirror  
size

reflect



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Why do you think this?

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Can you explain why this happened?

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