## \*

## Results and Patterns

Complete this table with your results as you carry o	out your investigation.
How do shadows change when the distance betwee	en the light source and the object changes?
Distance between the light source and the object.	Size of the object's shadow.
10cm	
20cm	
30cm	
40cm	
50cm	
Look at the results you have collected. Do you not when the distance between the object and the light Explain what you notice:	ice a pattern? Does the size of the shadow change source changes?
The pattern I have noticed is	
Make a concluding statement to explain what you led that the the dis the object's shadow is.	have found out: tance between the object and the light source, the



## Results and Patterns

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Look at the results you have collected. Do you notic when the distance between the object and the light sexplain what you notice:	
Are there any results that do not fit your pattern?  If there are, can you think why?	
Make a concluding statement to explain what you had I have found out that	ive found out:





## Results and Patterns

Complete this table with your results as you carry out your investigation.  How do shadows change when the distance between the light source and the object changes?		
Look at the results you have collected. Do you not when the distance between the object and the light		
Explain what you notice:		
Are there any results that do not fit your pattern?		
If there are, can you think why?		
Make a concluding statement to explain what you l	nave found out:	
I have found out that		
Can you explain why the shadow changes in this w	ay? Think about how light travels.	
*		