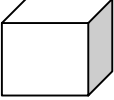

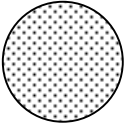




Name: \_\_\_\_\_

## Making Things Look Bigger

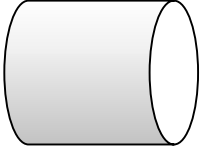
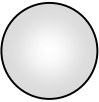



Data Sheet 1

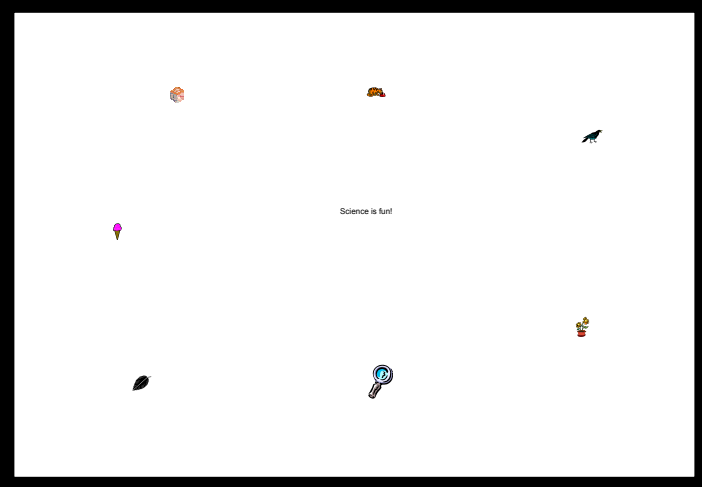
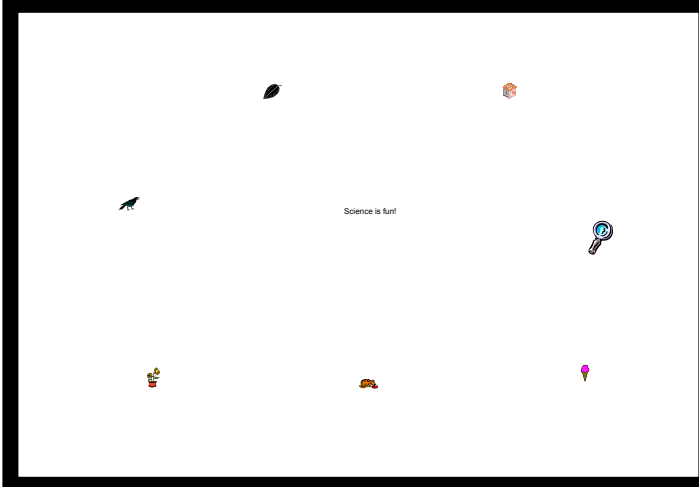
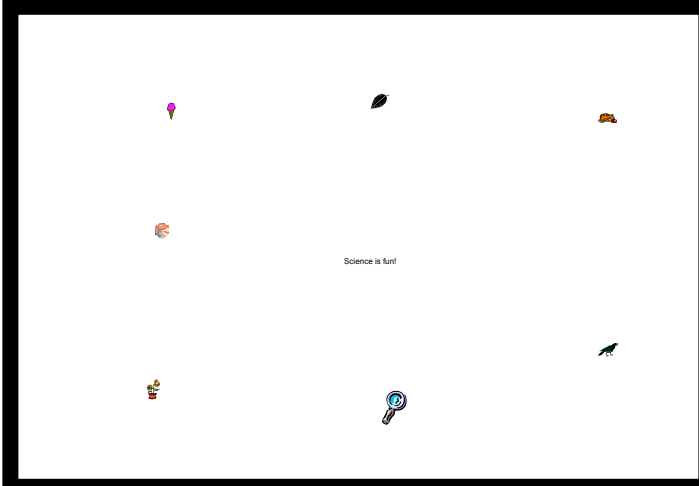
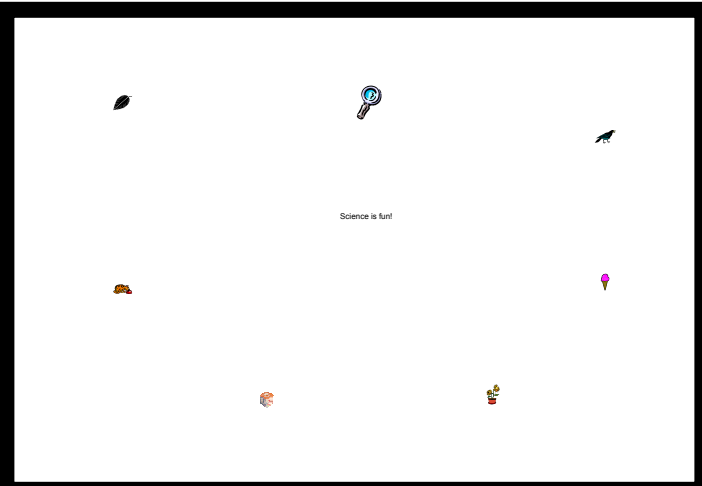
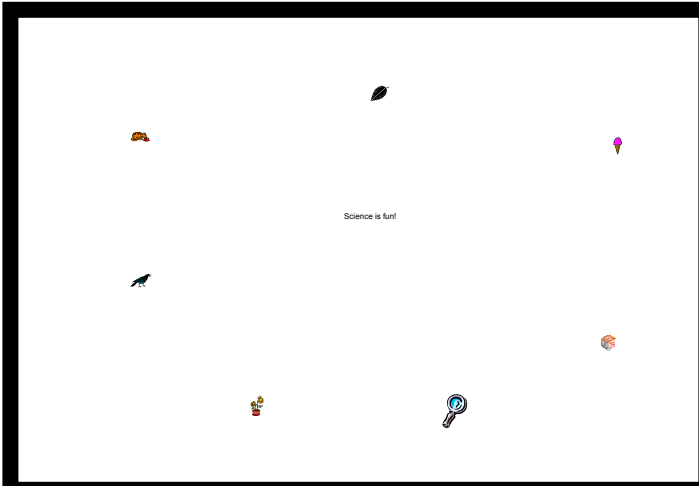
 plastic cube	Can you see through it?  yes or no	Is its top surface curved?  yes or no	Does it make things look bigger?  yes or no
 drop of water	Can you see through it?  yes or no	Is its top surface curved?  yes or no	Does it make things look bigger?  yes or no
 foam ball	Can you see through it?  yes or no	Is its top surface curved?  yes or no	Does it make things look bigger?  yes or no
 drop of tea	Can you see through it?  yes or no	Is its top surface curved?  yes or no	Does it make things look bigger?  yes or no
 plastic cylinder	Can you see through it?  yes or no	Is its top surface curved?  yes or no	Does it make things look bigger?  yes or no

Name: \_\_\_\_\_

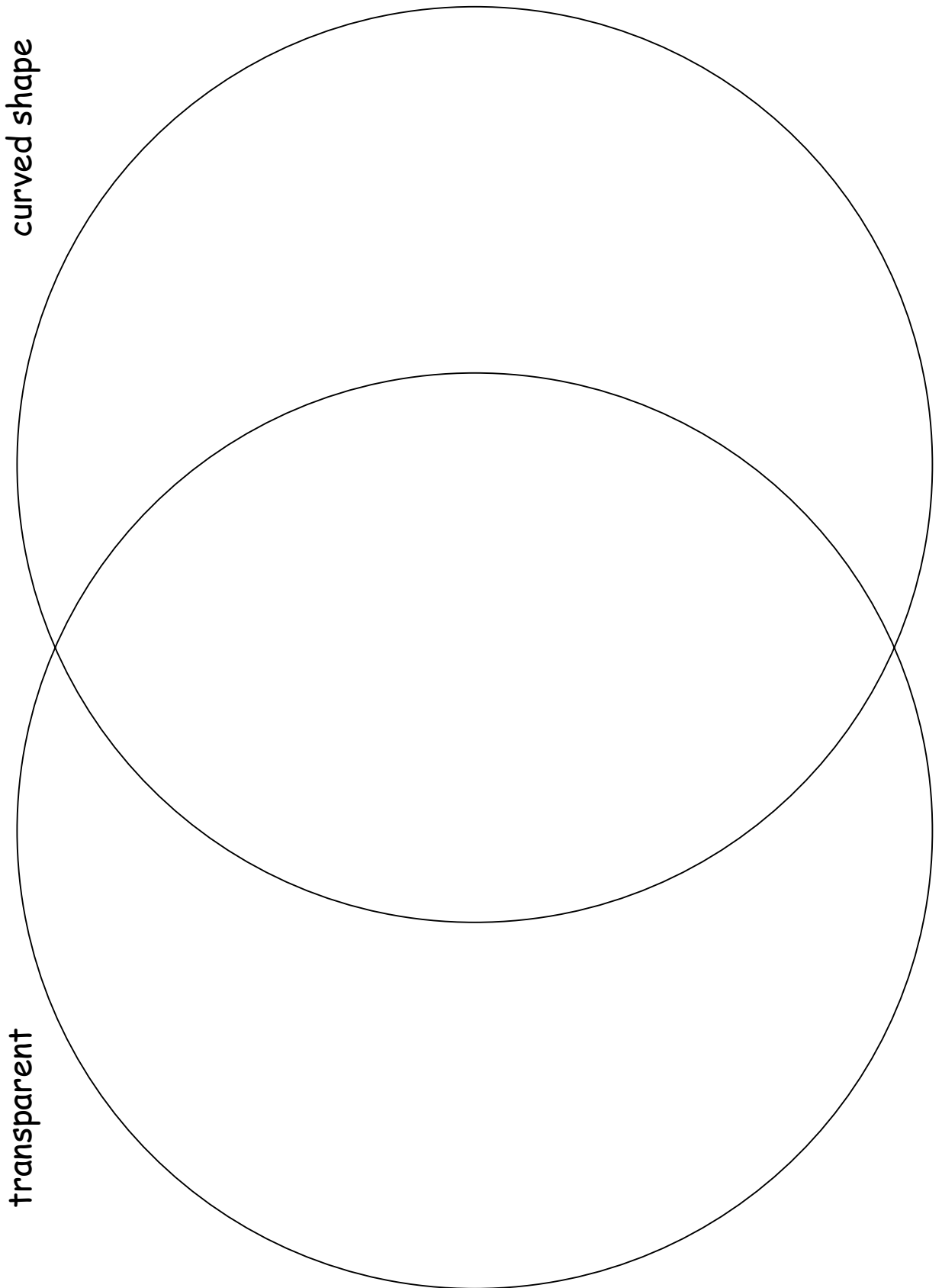
## Making Things Look Bigger

Data Sheet 2

 plastic cylinder	Can you see through it?  yes or no	Is its top surface curved?  yes or no	Does it make things look bigger?  yes or no
 glass marble	Can you see through it?  yes or no	Is its top surface curved?  yes or no	Does it make things look bigger?  yes or no
 green marble	Can you see through it?  yes or no	Is its top surface curved?  yes or no	Does it make things look bigger?  yes or no
 green square	Can you see through it?  yes or no	Is its top surface curved?  yes or no	Does it make things look bigger?  yes or no
 wooden ball	Can you see through it?  yes or no	Is its top surface curved?  yes or no	Does it make things look bigger?  yes or no



# Properties of Magnifiers



Name: \_\_\_\_\_

## Hand Lens Data Sheet

Trace and label  
your hand lens. →

Observe the lens with your eyes and fingers. How is the lens shaped?

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Use the hand lens to observe  
the penny. Add details of what  
you see in the circle. →



How are hand lenses useful?

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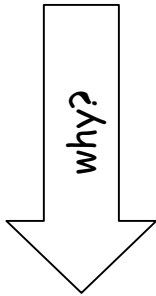
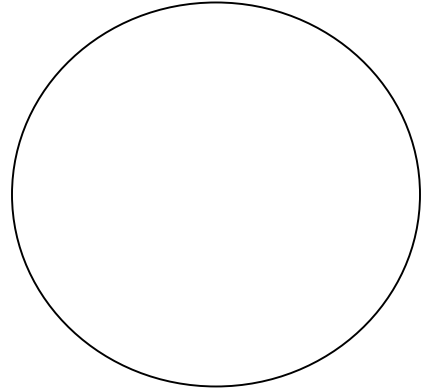
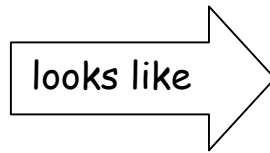
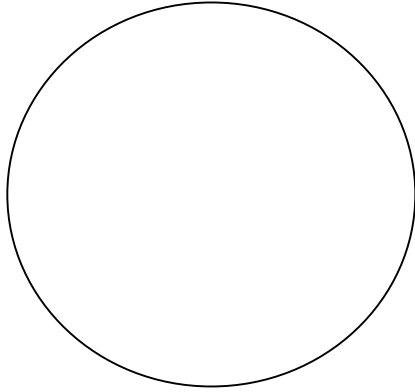
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Name: \_\_\_\_\_

## Magnifying Nature Data Sheet



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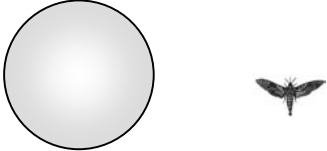
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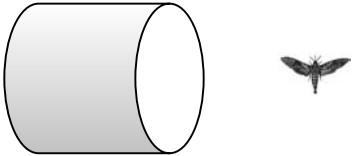
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Name: \_\_\_\_\_

 **Magnificent Magnifiers**   
Performance Task

	Does it make things look bigger?  yes                  no	Is it a magnifier?  yes                  no
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	Does it make things look bigger?  yes                  no	Is it a magnifier?  yes                  no
---	---	---

	Does it make things look bigger?  yes                  no	Is it a magnifier?  yes                  no
---	---	---

	Does it make things look bigger?  yes                  no	Is it a magnifier?  yes                  no
---	---	---



