Name_____
Date_____

Ambiguous Figures

Part A.

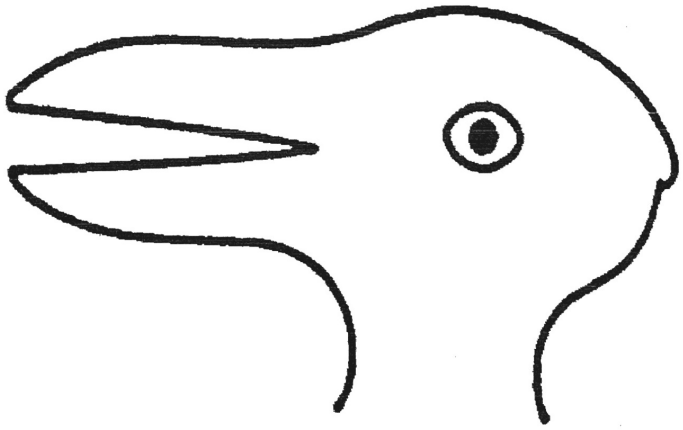
Examine the following optical illusions, and answer the questions.

Optical Illusion 1

Do you see an old woman or a young woman?

Optical Illusion 2

Do you see a duck or a rabbit?



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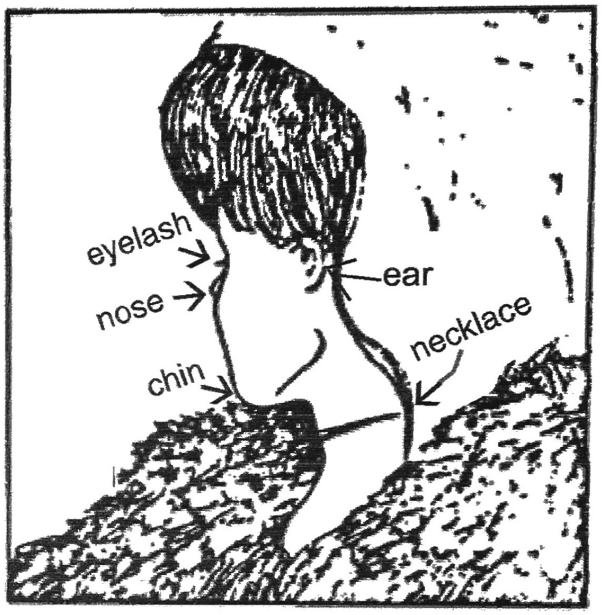
Part B.

Use the following sketches to help you see both images in each illusion.

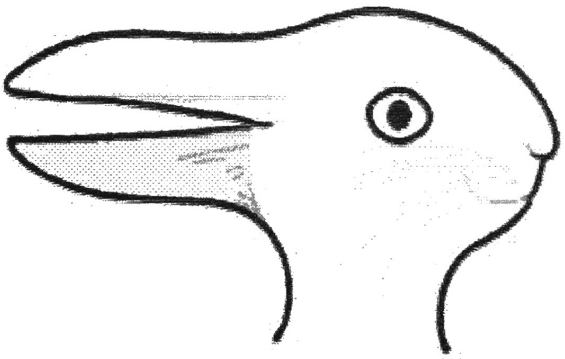
Optical Illusion 1

Old Woman

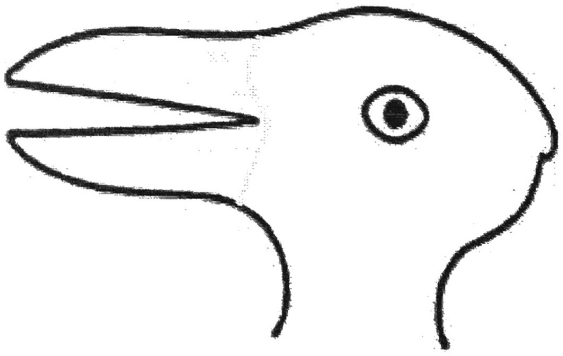


Young Woman

Optical Illusion 2



Rabbit



Duck

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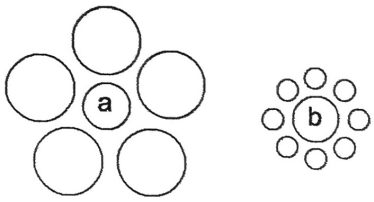
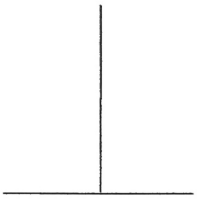
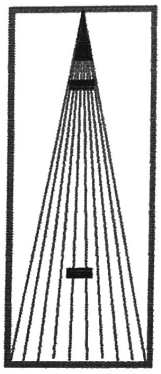
Optical Illusions

Examine each illusion in the left column. Work with a partner to write a possible explanation for the illusion and a possible application of the illusion. The first one is done for you.

Illusion	Explanation	Application
1. Size Which of the center circles is larger? 	Larger objects surrounding an object make it look smaller in comparison to the same image surrounded by smaller objects.	If a movie director wanted a leading actor to look taller than the actor actually was, the director might choose all the other people in the film to be shorter than the leading actor.
2. Vertical/Horizontal Which line is longer? 		
3. Linear Perspective Which rectangle is larger? 		

Name_____
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Illusion	Explanation	Application
4. Figure/Ground What is this? 		
5. Closure What shape do you see?