

PsychSim 5: VISUAL ILLUSIONS

Name: _____ **Section:** _____

Date: _____

This activity offers the opportunity to test your susceptibility to four famous illusions by having you adjust the length or position of one part of the stimulus to match the apparent length or position of another part.

The Müller-Lyer Illusion

- What were your results on the Müller-Lyer Illusion test? _____
- How is this illusion related to depth perception?

- What were your results on the second Müller-Lyer Illusion test? _____
- Was your pattern of performance similar to the first set of trials, or did the explanation of the illusion affect your performance? Describe your performance on the two sets of trials, indicating whether you did anything on the second set of trials to compensate for the illusion.

The Ponzo Illusion

- What were your results on the Ponzo Illusion test? _____
- How is this illusion related to size constancy and depth perception?

- Considering the explanation for this illusion, would you expect this illusion to be affected by culture? Explain your answer.

- What were your results on the second Ponzo Illusion test? _____
- Did knowing the cause of this illusion help you overcome your susceptibility to it on your second trial? Explain your thinking.

The Horizontal-Vertical Illusion

- What were your results on the Horizontal-Vertical Illusion test? _____
- What are the two factors related to this illusion?

- What were your results on the second Horizontal-Vertical Illusion test? _____
- Did knowing the cause of this illusion help you overcome your susceptibility to it on your second trial? Explain your thinking.

The Poggendorf Illusion

- What were your results on the Poggendorf Illusion test? _____
- How is this illusion related to depth perception?

- What were your results on the second Poggendorf Illusion test? _____
- Did knowing the cause of this illusion help you overcome your susceptibility to it on your second trial? Explain your thinking.