

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

**AP PSYCH**  
**Unit 4.4 Activities**  
**Smell & Perceptual Organization**

These first questions should be based on your own opinions and life experiences. You don't have to use the book.

1. Describe the way something smells. Any random smell. Describe what it smells like.
  
  
  
  
  
  
  
  
  
  
2. Was #2 difficult? Why?
  
  
  
  
  
  
  
  
  
  
3. Describe a certain smell that triggers a certain memory or emotion for you. Describe the smell and the memory or feeling.

Use your book and the notes to answer the following questions.

1. Draw and label an image that demonstrates how smell works in the body. Use Figure 4.28 & 4.30 to guide you, and use the terms odor molecules, olfactory cells, olfactory bulb, olfactory nerve, odorant receptor, and **limbic system** (not part of Figure 4.28, but read the book to determine why this is included).

2. Who has the best sense of smell? Use Figure 4.29.
  
  
  
  
  
  
  
  
  
  
3. Why do those people you wrote down for #2 have the best sense of smell?

4. Draw and describe a real world example of gestalt.

5. Draw and describe a real world example of the figure-ground relationship.

6. Describe or draw real world examples of the 5 types of grouping.

Types of Grouping	Drawing or description of real world example	Types of Grouping	Drawing or description of real world example

7. Connect depth perception to visual cliff. Use both terms and describe the real world example the book demonstrates.

8. Describe why binocular cues are so important.

9. What is the important rule / fact to keep in mind about the distance of objects to you and retinal disparity?

10. Describe and draw real world examples of the 6 types of monocular cues. Use Figure 4.38 to guide you.

Monocular Cue	Drawing or description of real world example	Monocular Cue	Drawing or description of real world example

11. How do we perceive motion? The book describes stroboscopic movement and the phi phenomenon. Draw and describe a real world example of both.

Motion Perception	Description	Drawing
Stroboscopic Movement		
Phi Phenomenon		

12. What is perceptual constancy?

13. What is shape and size constancy?

14. What is lightness constancy?

15. What is color constancy?