

Investigation 3.12B

Dr. _____

Worksheet 3.12B2

P. ___ Date: _____

Eye Activity 2: LASIK Eye Surgery

Directions:

1. Find this website on the internet: <http://www.surgerysquad.com/surgeries/virtual-lasik-eye-surgery/>
2. Answer the following questions after completing the following activity:

Questions:

1. What is the purpose of LASIK Eye Surgery?
 - a. _____
 - b. _____
2. What instrument is used to reshape the cornea?
 - a. _____
3. What does the laser do to the eye that improves vision?
 - a. _____
4. What are the two criteria that make someone a candidate for LASIK?
 - a. _____
 - b. _____
5. What instrument is used to hold the eye open wide?
 - a. _____
6. What would happen if the patient was allowed to blink?
 - a. _____
7. Why is a marker used on the cornea?
 - a. _____

Worksheet 3.12B, page 2

8. What does the suction ring do?

a. _____

9. How does the suction ring affect the patient's vision?

a. _____

10. What is the name of the instrument that makes the cut in the cornea?

a. _____

11. What percent of the cornea is cut during LASIK surgery?

a. _____

12. What controls the amount of reshaping performed by the laser on the cornea?

a. _____

13. How long does reshaping of the cornea take?

a. _____

14. What step is performed after the laser reshapes the middle portion of the cornea?

a. _____

15. How long does it take for the corneal flap to re-bond to the rest of the cornea?

a. _____

16. How long after surgery until the patient notices improvement in their vision?

a. _____

Congratulations! You helped restore excellent vision for your patient.