

Investigation 3.7B: Joints

Dr. _____

Worksheet 2: Shoulder Surgery

P:___ Date:_____

Virtual Orthopedic Surgery Worksheet #1: Shoulder Surgery

Directions: 1. Copy this web address and paste to your browser:

<http://www.agame.com/game/operate-now-shoulder-surgery>

2. Follow the directions to perform virtual shoulder surgery.

3. Answer the following questions pertaining to your experience.

1. What diagnostic test was performed to diagnose Noah's shoulder injury?

2. What surgical procedure must be performed to correct the injury?

3. What three things must be done before making the incision?

a. _____

b. _____

c. _____

4. What is the name of the instrument that makes the skin incision?

5. What instrument is inserted into the shoulder to visualize the injury?

6. Why was it necessary to cut the bursa on top of the shoulder joint?

7. Which tools were used to make a hole in the humerus to reattach the tendon?

_____ and _____

8. How many sutures were utilized to secure the tendon to bone? _____

9. What held the sutures in place so they would not come out after surgery ended?

10. How did you know the surgery was successful at the end of the procedure?
