What You Learned:

Please answer the following 5 questions to the best of your ability.

1. Explain to me what a determinant is and how you find it?
2. Find the determinant of the matrix: 2 -3
3. 2
4. Explain how the minors of a matrix are found.
5. How many minors does the following matrix have? 0 2 1

 3 -1 2

 4 0 1

1. Find the determinant of the following 3x3 matrix: 3 4 -2

 3 5 0

 -1 4 1

This assessment will be graded as a homework assignment, with each question being worth 5 points. The assessment is a form of exit slip that I am using at the end of my Concept Attainment Lesson. The students will take this short 5 question quiz so that I can see how much they learned from the days lesson and whether or not I need teach more on the concept.

Answers:

1. The determinant of a square matrix is found by multiplying the elements of a matrix in this way: a1b2 – a2b1.
2. 7
3. Minors are found by deleting the *i*th row and *j*th column of a matrix and finding the determinant of the remaining entries.
4. 9
5. -31