**Pre Calc** 6-2 Word Problem Practice WS

Answers:

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| 1. What is each student’s final grade?  Matrix Multiplication of Grades  **Alexandra has a 90, Megan has a 77, and Brittney has an 87** | |
| 2.  Cashew Problem Matrix  The entire matrix is the answer. | |
| 3.  Cashew Problem Answers | |
| 4. This one’s a little trickier since it looks like we have two 3 x 2 matrices (tables), but we only want to end up with **three answers**: the total score for each of the girls.  If we were to do the matrix multiplication using the two tables above, we would get:  Matrices for Fair Contest  So Brielle- 86.8, Brynn- 79.2, and Briana-110 | |
| 5. Store A, $4600 | 6. Holly- system B, Joelle- system B, Luisa- system A |
| 7. the 10-ton truck takes 7 trips and the 12-ton truck takes 13 trips | |