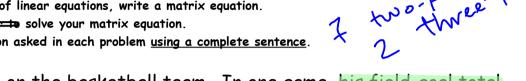
SOLVING SYSTEMS MATRIX APPLICATIONS

Provide the following for each application problem below:

- Define your variables. (a)
- (b) Write a system of linear equations.
- From your system of linear equations, write a matrix equation. (c)
- (d) Use your ealculator to solve your matrix equation.
- Answer the question asked in each problem using a complete sentence. (e)



1. Greg is a star player on the basketball team. In one game, his field-goal total was 20 points, made up of 2-point and 3-point baskets. If Greg made a total of 9 baskets, how many of each type did he make?