MATH 134A Review: System of Linear Equations

Facts to Know

A system of linear equations with two equations and two variables is
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The corresponding matrix equation is
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A solution is
A method to find a solution is
Recall the inverse of a 2×2 matrix is

Examples

1. A restaurant manager wants to purchase 200 sets of dishes. One design costs \$25 per set, while another costs \$45 per set. If she only has \$7400 to spend, how many of each design should be ordered?

How many were ser	mors:		