

# RMC Setup

RMC uses three raw materials (1, 2, and 3) to produce three products: (1) A fuel additive, (2) a solvent base, and (3) a carpet cleaning fluid

<input type="checkbox"/> F = tons of fuel additive produced	<input type="checkbox"/> C = tons of carpet cleaning fluid produced
<input type="checkbox"/> S = tons of solvent base produced	

Each ton of fuel additive is a blend of 0.4 ton of material 1 and 0.6 ton of material 3. Each ton of solvent base requires 0.5 ton of material 1, 0.2 ton of material 2, and 0.3 ton of material 3.

Etc...

Management wants to determine the optimal production quantities that will maximize net profit