Mmmmm.... Timmy's hot chocolate!

A pack of chocolate powder can make 75 cups of hot chocolate if made as suggested. Timmy's hockey team likes to have hot chocolate during each game. 5 of his team mates have 3 cups each, 2 other team mates have 2 cups each but prepared with double the powder, and Timmy has 4 cups but with half the powder. If they had hot chocolate like this at each game, how many cups can still be made after 3 games?



Mmmmm.... Timmy's hot chocolate!

A pack of chocolate powder can make 75 cups of hot chocolate if made as suggested. Timmy's hockey team likes to have hot chocolate during each game. 5 of his team mates have 3 cups each, 2 other team mates have 2 cups each but prepared with double the powder, and Timmy has 4 cups but with half the powder. If they had hot chocolate like this at each game, how many cups can still be made after 3 games?



SOLUTION 75 cups max

5 people have 3 cups = 15 cups. 2 people have 2 cups x double pouder " equiv. of 4 cups = 8 cups.

Timmy 4 cups 2 strength= 2 cups

= 25 cups pergame X 3 games = 75 cups

therefore no more powder " to make any hot chocolate.