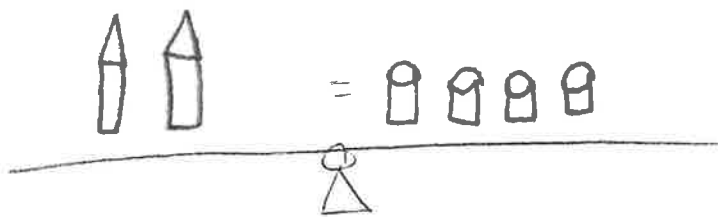


Balancing Problems 1/3/17

1) A single knife weighs as much as 4 cups. How many cups does it take to balance 2 knives?

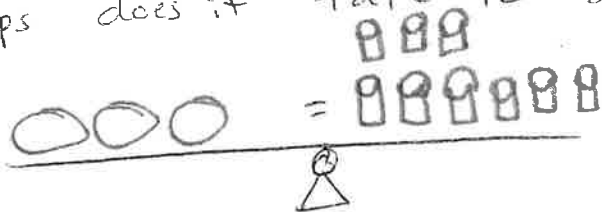


$1 = 4$
 $2 = 8$

$4 \times 2 = 8$

2 KNIVES = 4 CUPS

2) A single plate weighs as much as 3 cups. How many cups does it take to balance 3 plates?

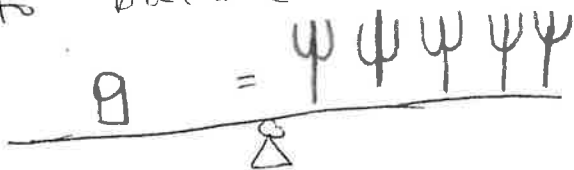


1 plate = 3 cups
3 plates = ? cups

$3 \times 3 = 9$

3 plates = 9 cups

3) One plate still weighs as much as 3 cups, but one cup also weighs as much as 5 forks. How many forks are needed to balance the weight of 2 plates?



1 plate = 3 cups
1 cup = 5 forks

$5 \times 3 = 15$
 $15 \times 2 = 30$

2 plates = 30 forks

2 plates = 30 forks