

## Limiting Reactant + Excess

(LR)

The reactant that makes the least product.

(TY)

Theoretical Yield - the product of the Limiting reactant.

THINK

1. Convert amount of each reactant into product

2. Compare the answers - the smallest is the (TY)

EXCESS

Leftover non-limiting reactant

THINK

1. Find the (LR) + (TY)

2. Use the amount of (LR) to calculate the amount of non-limiting reactant needed

3. Subtract this from the amount of non-limiting reactant given in the problem.