

# Math576 Combinatorial Game Theory

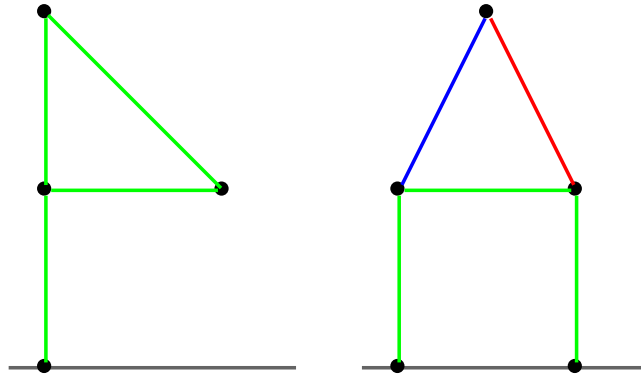
## Homework 2

assigned Feb. 7, 2008; due next Thursday lecture

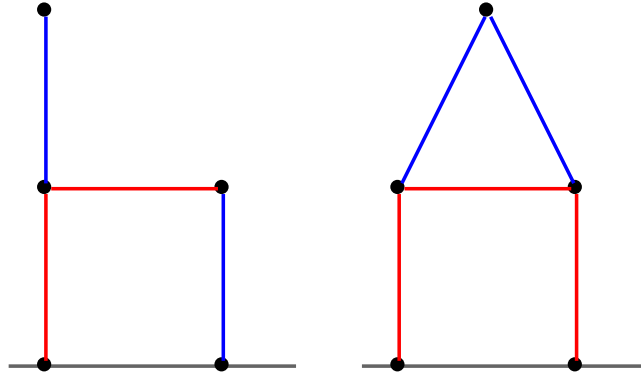
1. State the number addition rule. Use it to find the values of the following number expression:

(a)  $*1+*3+*5$       (b)  $*2+*5+*7$       (c)  $*1+*2+*4$       (d)  $*1+*3+*9+*27$

2. Find the values of the following blue-red-green Hackenbush games.



3. Find the values of the following Childish Hackenbush games.



4. Find the value of the following Toads-Frogs game.

