

## 2.1 Direct Variation

In MI you can return a can & get 10¢/can.

$$r = .10c$$

↑ refund
↑ # cans

"r varies directly as c"

constant of variation  
 (pos) O.V.

$$y = kx^n$$

↑ dep.
↑ indep.

"y varies directly as the n<sup>th</sup> pow of x"