## Translating into Algebra...

Values: Translate the Racket Code into Algebra	
Racket Code	Algebra
(define x 10)	x = 10
(define y (* x 2))	y = x*2
(define z (+ x y))	
(define age 14)	
(define months (* age 12))	
(define days (* months 30))	
(define hours (* days 24))	
(define minutes (* hours 60))	
Functions: Translate the Racket Code into Algebra	
<pre>(define (double x) (* x 2))</pre>	double(x) = x*2
<pre>(define (area length width) (* length width))</pre>	area(length, width) = length * width
<pre>(define (circle-area radius) (* pi (sq radius)))</pre>	
(define (distance x1 y1 x2 y2) (sqrt (+ (sq (- x1 x2))	