

Bathroom breaks are to be  
taken before class!!

Do **NOT** move the desk!!

Turn your phone **OFF**!!

Put your phone up!!

Sit down!! Be quiet!!

Prepare to work!!

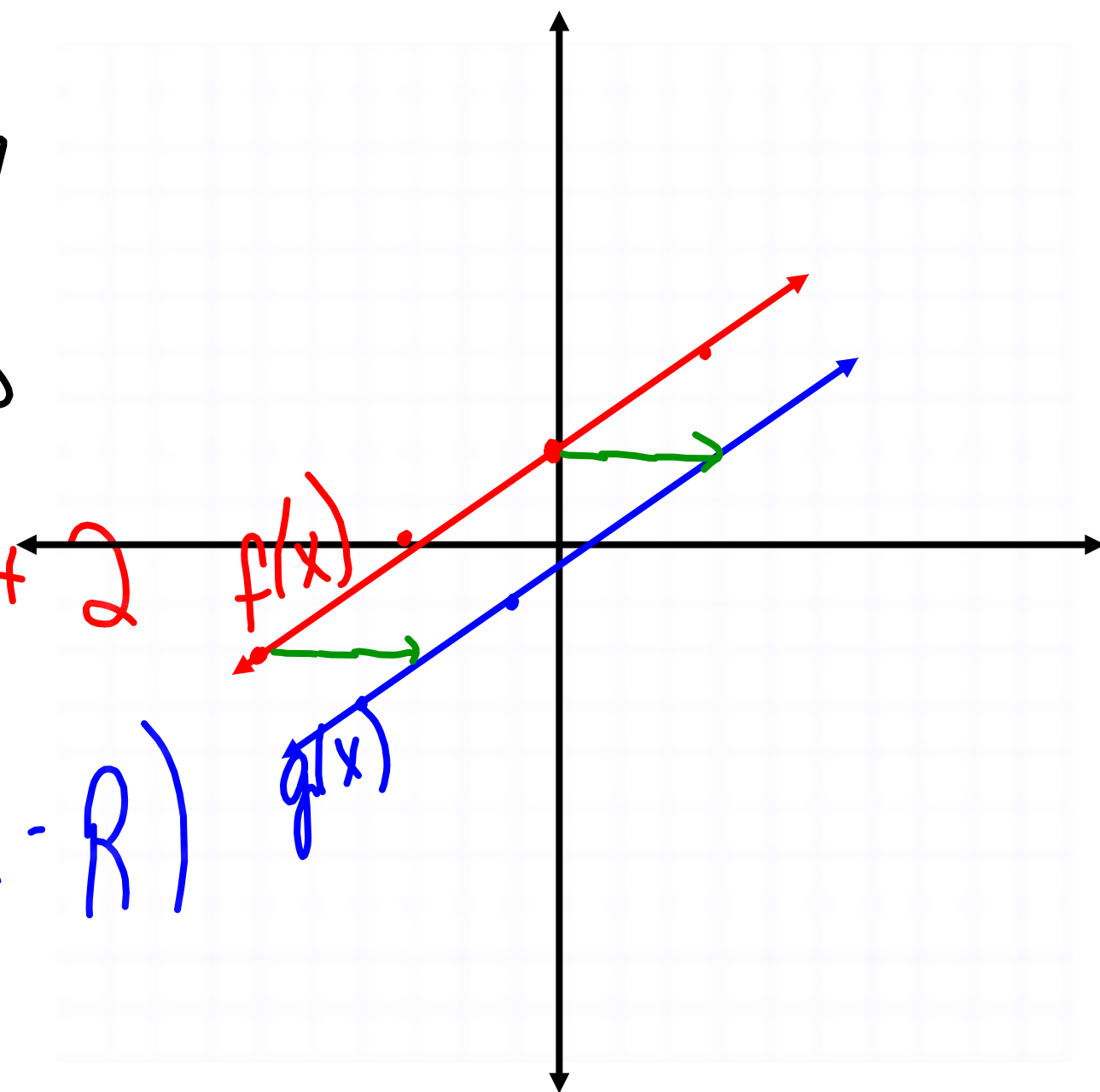
**Keep your hands to yourself!!**

Chap 3 Sec 7  
Homework Help

55)  $f(x) = \frac{2}{3}x + 2$

$g(x) = f(x - R)$

$R = 3$



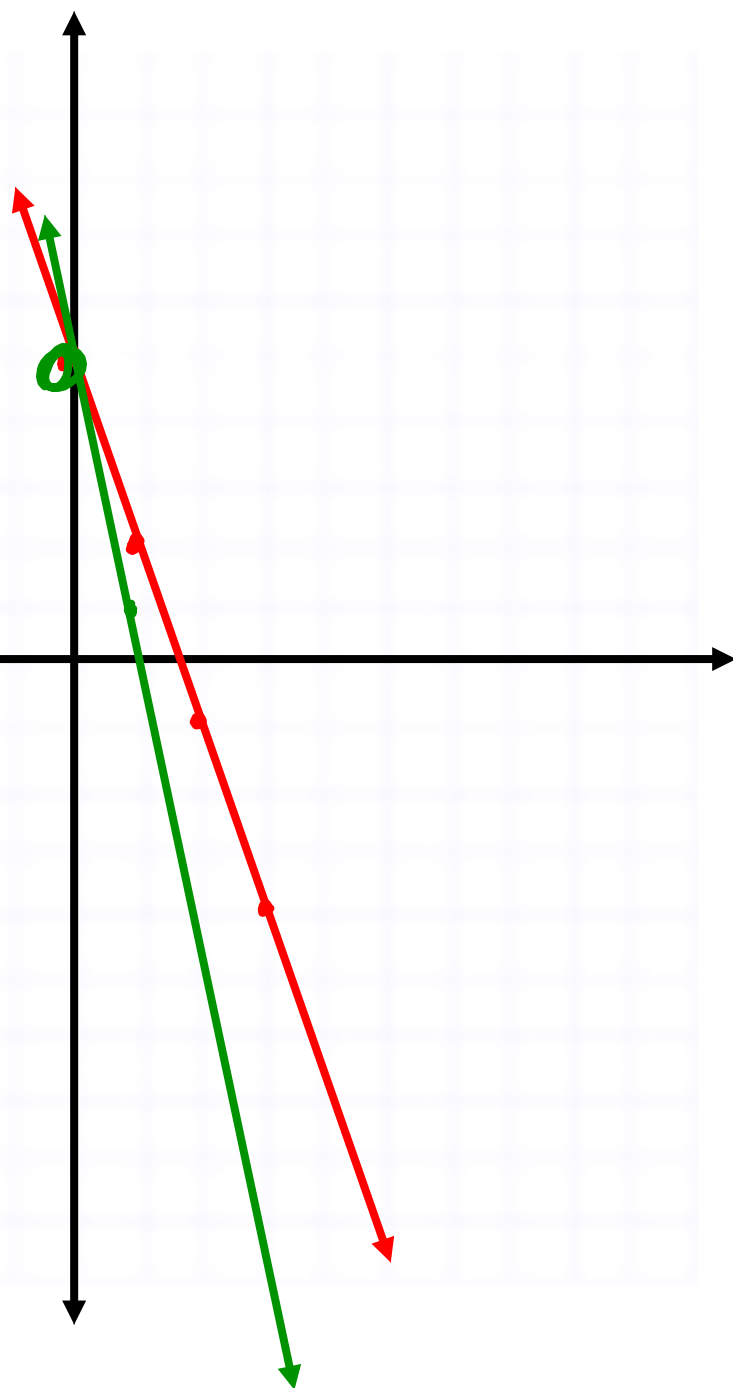
5b)  $f(x) = -3x + 5$

$g(x) = f(Rx) = -4x + 5$

$m = -3$     $m = 4$

$$\frac{-3}{4} = \frac{R \cdot 4}{4}$$

$$-3/4 = R$$



$$57) \quad f(x) = 3x - 6$$

$$R(3x - 6) = 6x - 12$$

$$R = 2$$

$$g(x) = \underline{R} f(x)$$

$$b = -12$$

$$m = \frac{12}{2} = 6$$

$$g(x) = 6x - 12$$

$$20) f(x) = \frac{1}{2}x + 8$$

$$m = \frac{1}{2} \quad b = 8$$

$$R = -8$$

$$g(x) = f(x) + R$$

$$m = \frac{1}{2} \quad b = 0$$

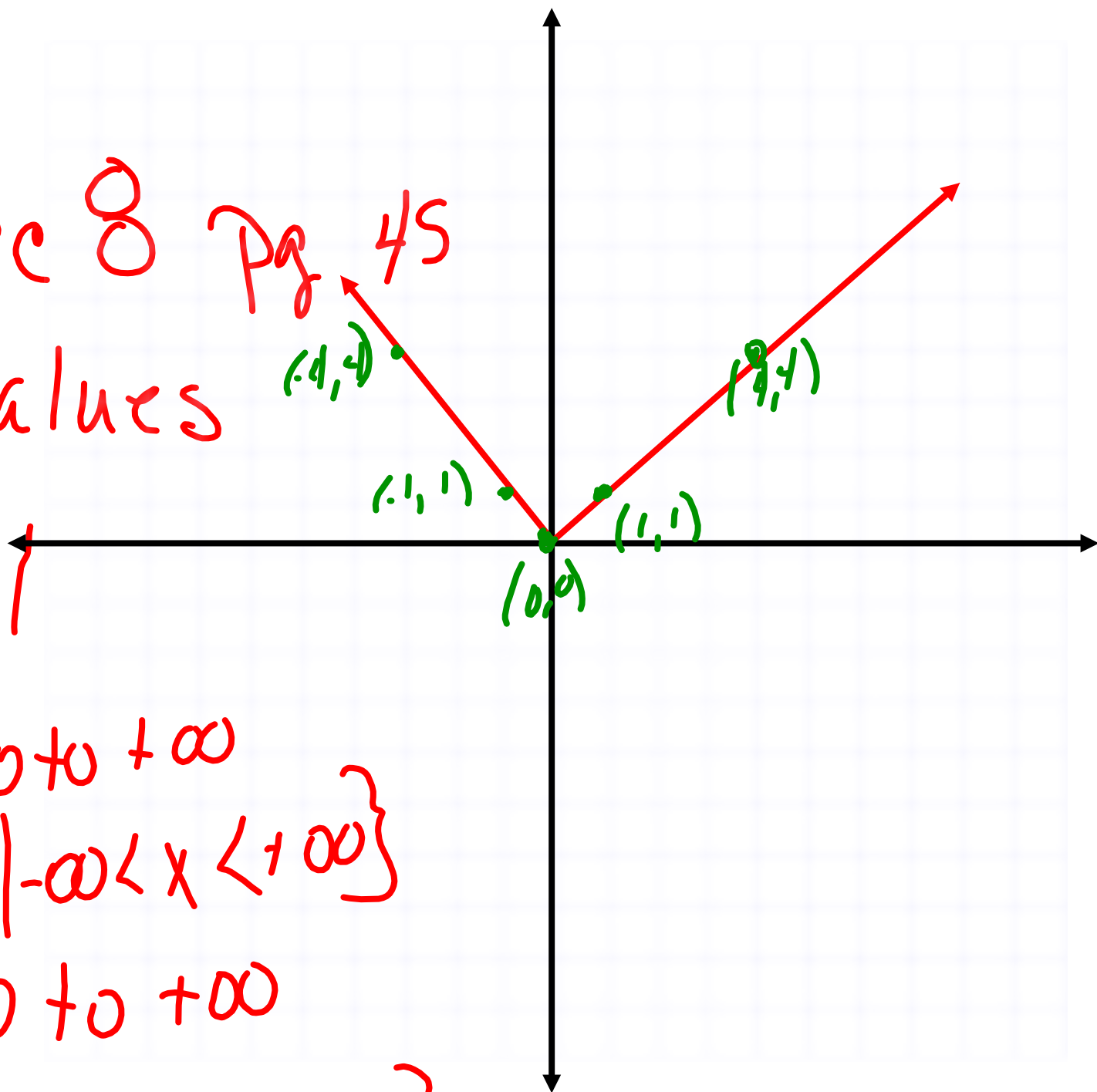
Chap 2 Sec 8 pg 45  
Absolute Values

Ex  $f(x) = |x|$

Domain  $\Rightarrow -\infty$  to  $+\infty$   
 $\{x \mid -\infty < x < +\infty\}$

Range  $\Rightarrow 0$  to  $+\infty$

$$\{y \mid 0 < y < +\infty\}$$



$$1) f(x) = \frac{1}{2} |x|$$

$$f(x) = |x|$$

