

Test Review - Unit 5
Absolute Value Functions

Ringbloom

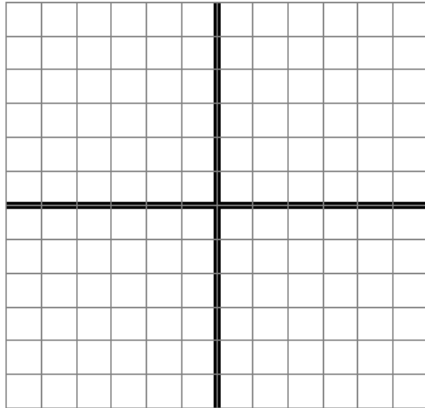
Algebra 2A

Name: _____

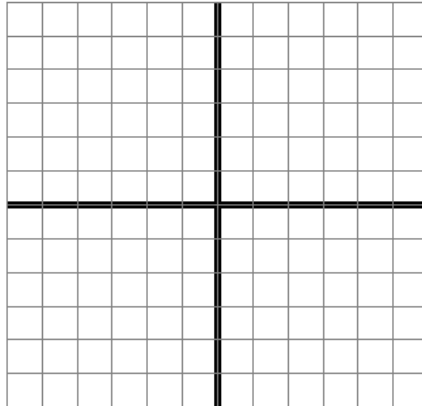
Hour: _____

Graph each of these functions

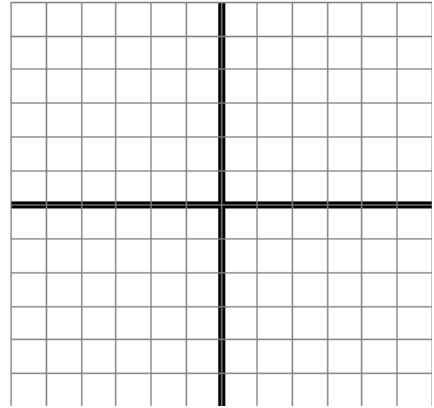
1) $y = |x|$



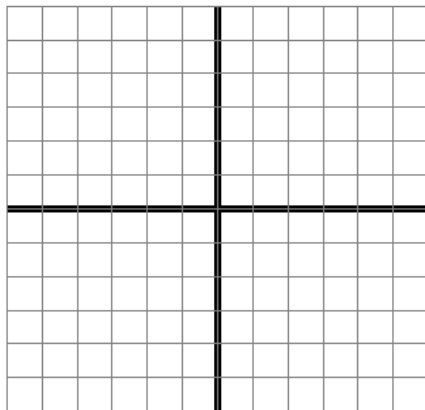
2) $y = |x+2|+3$



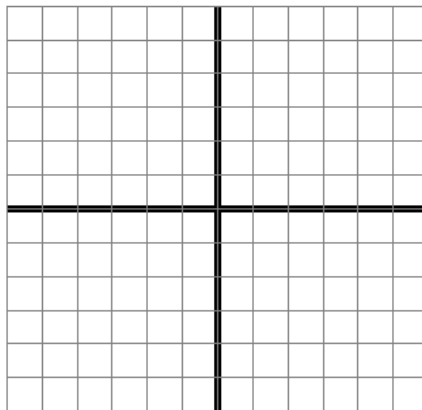
3) $y = |x-1|-2$



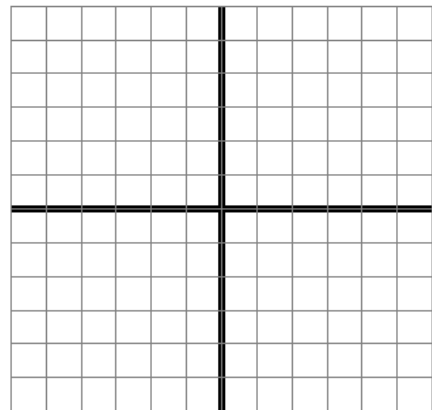
4) $y = -|x-2|$



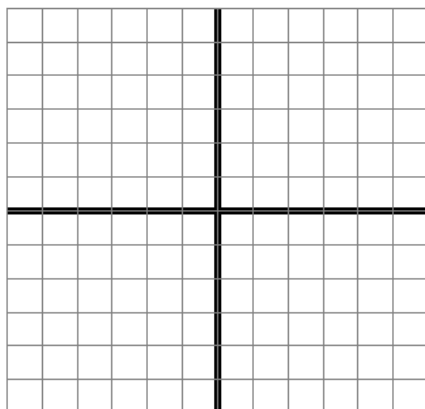
5) $y = 2|x|-3$



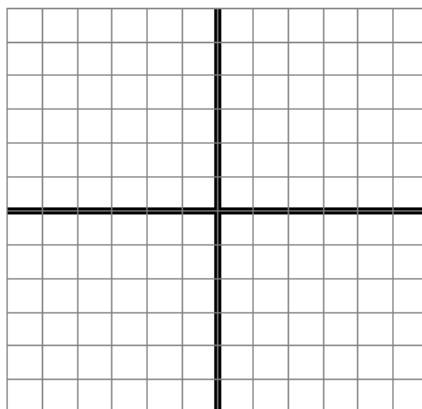
6) $y = -|x+3|+2$



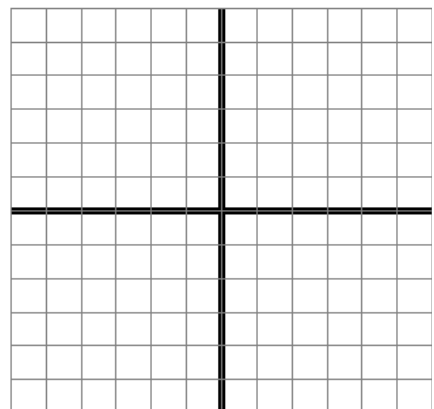
7) $y = -2|x-1|$



8) $y = \frac{1}{2}|x|$

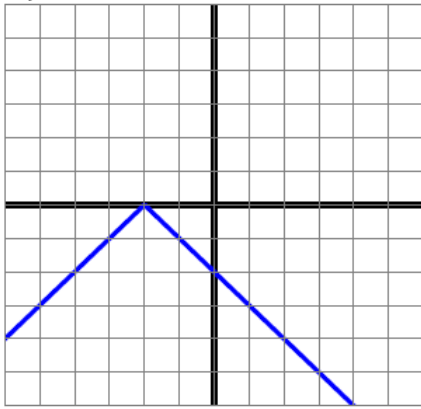


9) $y = -\frac{1}{2}|x-2|+3$

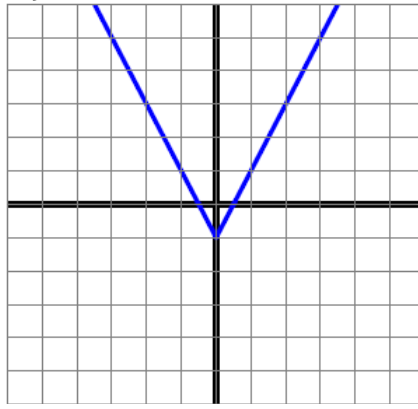


Write an equation for each function

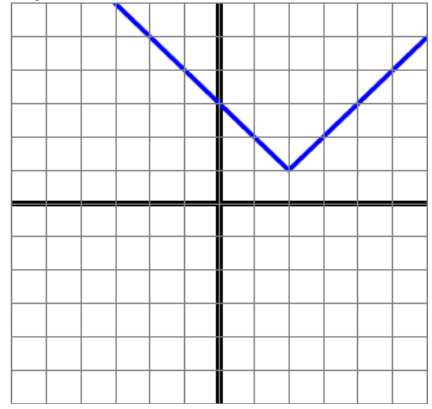
10)



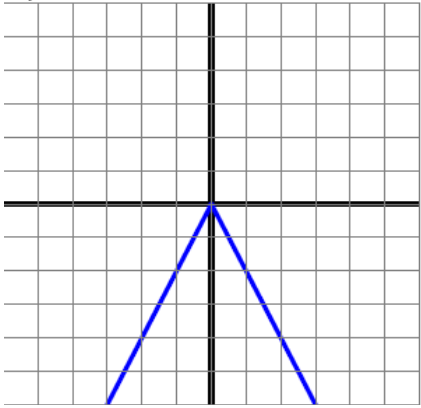
11)



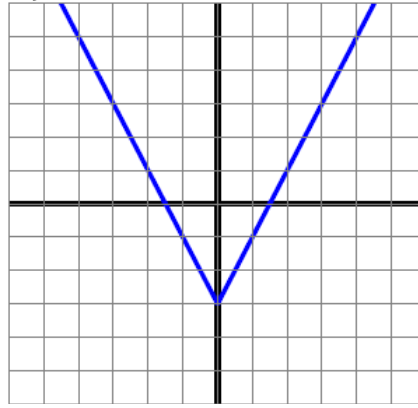
12)



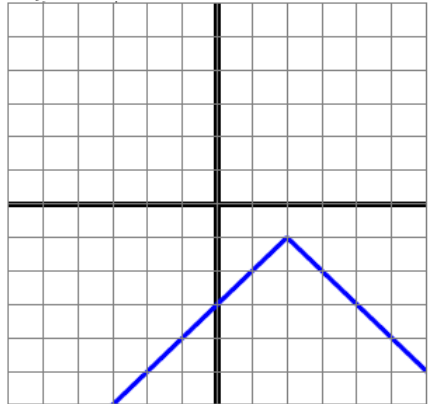
13)



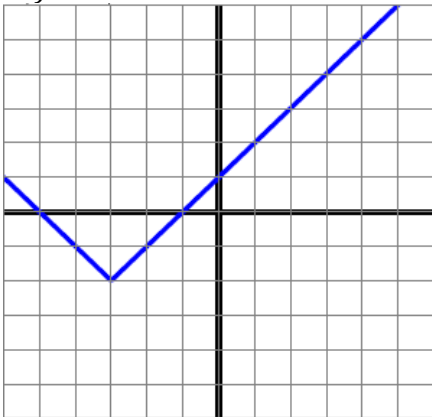
14)



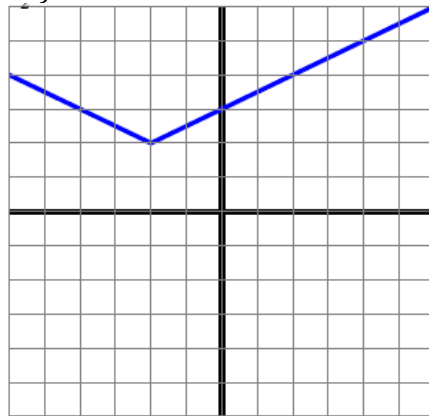
15)



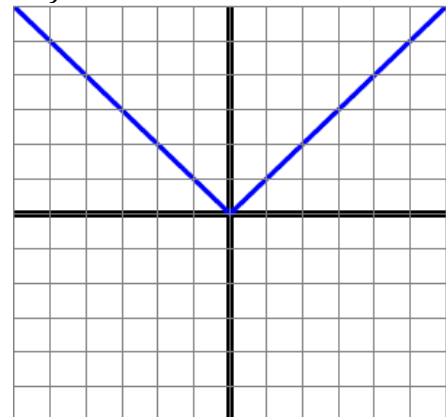
16)



17)



18)



Solve and graph each

19) $|2x+3|=13$

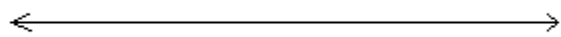


20) $|2x|+3<13$



21) $2|x+3|\geq 13$

22) $|3-2x|>13$



23) $3-|2x|<-13$

24) $|x+3|-3=4$



25) $8\leq|2x|$

26) $4\geq|2x+1|$

