## Unit 1 Day 11 Notes: Solving Equations with Absolute Value

A-REI.11: I can explain why the x-coordinates of the points where the graphs of the equations y=f(x) and y=g(x) intersect are the solutions of the equation f(x)=g(x); find the solutions approximately. Include cases where f(x) and f(x)=g(x); find the solutions.

## Absolute value: \*\* YOU WILL ALWAYS HAVE 2 ANSWERS! \*\*



x-4 +5=20	$  _{8}$ 7 w-8 +10=17
Answers: &	Answers: &
Check:	Check:
9. $\frac{3 7-p +20=15}{20}$	10. $\frac{-2 x+1 +4=-4}{-4}$
Answers: &	Answers:&