**Directions**: *Absolute Value Equations* typically have two solutions. For example, with the equation |x| = 9, x could equal 9 or -9, because both numbers are 9 units away from zero on a number line. For the *absolute value equations* below, you will have to solve two different equations to find both solutions.

Examples: $ x+7  = 10$ x + 7 = 10 or $x + 7 = -10x = 3$ or $x = -17$	2x+4  = 10 2x+4=10 or x=3 or	2x + 4 = -10 x = -7
1) $ x+9  = 14$	2) $ x-8  = 22$	3) $ x+3  = 9$
<u>x</u> =	<u>x</u> =	<u>x</u> =
4) $ 11+x  = 15$	5) $ x-20  = 42$	6) $ x+3  = 21$
,	-, []	-,
<u>x =</u>	<u>x =</u>	<u>x =</u>
7) $ x+11  = 21$	8) $ x-2  = 12$	9) $ 3+x  = 25$
<u>x =</u>	<u>x</u> =	<u>x</u> =
Www.imathworksheets.com		

