

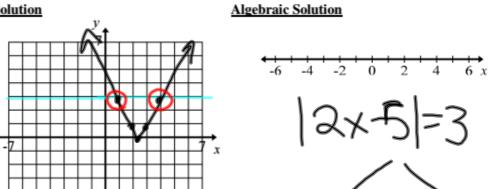
1) Solve the absolute value equation |x| = 4. Think: What will make this equation true? Thinking about this equation graphically, graph the equation |y = |x| and on the same axis, graph y = 4. Notice, these are the expressions from the two sides of the equation.
a) Upon graphing these two equations, what do you notice about the graph?
b) Solution(s) identified by the graph: Think: What will make this equation true? Thinking about this equation graphically, isolate the absolute value, then graph the equation y = |x - 4| and on the same axis, graph y = 0. Notice, these are the expressions from the two sides of the equation.
a) Upon graphing these two equations, what do you notice about the graph?
b) Solution(s) identified by the graph: (A - 4) | A - 4| | A - 4

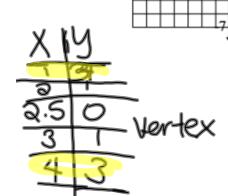
3) Solve the absolute value equation | x+1| = -3. Think: What will make this equation true? Thinking about this equation graphically, graph the equation | y = |x+1| and on the same axis, graph y = -3. Notice, these are the expressions from the two sides of the equation. a) Upon graphing these two equations, what do you notice about the graph? b) Solution(s) identified by the graph:

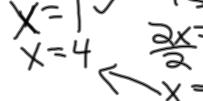
5) Solve both graphically and algebraically



Graphical Solution







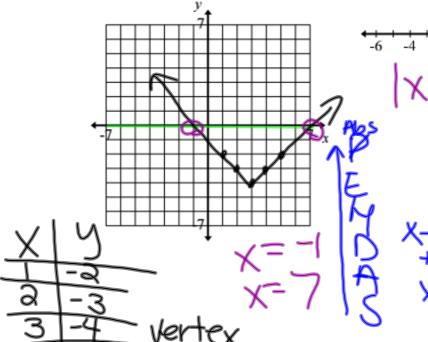




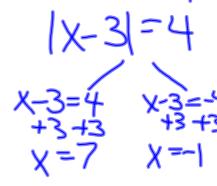
8) Solve both graphically and algebraically



Graphical Solution



Algebraic Solution





Page 221

Solve algebraically

UNIT 5 Part 3: Intermediate Algebra B Name: _

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Use this guide to help you evaluate where you are at in this chapter, and identify areas that you need extra help in.

⊕=Proficient (you are awesome at this) ⊕=Middle (you need some improvement)⊖=Not Proficient (HELP!)

=Proficie	nt (you ar	e awesome at this) 🗡=Mio				cient (HE	LP!)
		Intermediate Algebra	Unit 5 : Solving	Quadratic Equation	s		
Date Covered	LT Letter	Learning Target (LT) (What you should know)	Practice Problems	Homework Score	Self-Evaluation (Do you know it?)		
4/1	8.1A	I can graph absolute falue equatoins and demonstrate understanding of the features of its graph.	8.1A #1-12 (P-173)		8	⊜	0
4bc	8.2 A	I can solve absolute value equations.	8.2A #1-9 (P-183)		€	⊜	0
	5.2 E		5.2 E #1-8 (P-19)		8	⊜	0
	5.2 F	I can solve quadratic equations by square roots to get real or	5.2 F #2-5, 7-15 (P-15)		₿	⊜	9
	5.2 H	complex solutions.	5.2 H #1-6, 14-19 (P-29)		8	⊜	0
	5.2 N	I can choose the best method to solve for quadratic equations.	5.2 N #1-3,5-7, 12-17 (P-41)		8	⊜	0
	5.2 O		5.2 O #1-8 (P-51)		®	@	0
4/28	NO CLASS. ACT TESTI		TING!				
4/29	Uı	nit 5 Part 3 Review	Review Packet		8	⊜	0
Test Date: 4/30		Test Reminders:	TEST TOTAL: # of Questions = Points =	Review Done? Y/N Review Checked with answer key? Y/N Did you ask about the			

Updated 4/17/2015