Project 8: Modeling Rocket Flight

Part 2: Convert between Factored Form and Standard Form

	Student A
Round 1	$(2a + 5)(a + 4)$
Round 2	$16a^2 - 25$
Round 3	$(3a - 1)(a - 10)$
Round 4	$5a^2 + 33a - 14$
Round 5	$(4a - 5)(4a - 5)$
Round 6	$(2a + 7)(9a + 4)$

	Student B
Round 1	$2a^2 + 13a + 20$
Round 2	$(4a - 5)(4a + 5)$
Round 3	$3a^2 - 31a + 10$
Round 4	$(a + 7)(5a - 2)$
Round 5	$16a^2 - 40a + 25$
Round 6	$18a^2 + 71a + 28$

Part 3: Model a Rocket Flight Using a Quadratic Equation