Name:

Constructed Response – Group 2 – 9/2/14

Find a word problem below. In order to receive full credit for this assignment, **you must not only show your math work, but you must explain in writing how you solved the problem.**

Jasmine is *n* years old now. Jasmine’s brother, Eddie, is 3 years younger than 2 times her age. The sum of their parents’ ages is 1 year more than 3 times the sum of their ages.

1. Simplify, in terms of *n*,
2. Eddie’s age,
3. The sum of the parents’ ages,
4. The sum of the ages of Jasmine, Eddie, and their parents.
5. If *n* = 9, find the sum of the ages of
6. Jasmine, Eddie, and their parents now,
7. Jasmine, Eddie, and their parents 4 years later