

Name: _____

Date: _____

Algebra I

Directions: Form let statements using variables, set up two equations, and solve algebraically.

1) Mr. Greene is 15 times as old as his daughter, Jamie. In 5 years, he will be 5 times as old as his daughter. Find their current ages.

2) Gina is four times as old as her sister, Laura. In 4 years Gina will be twice as old as Laura. Find their ages now.

3) Right now, Dan is three times as old as his younger cousin, Billy. Five years ago, Dan was 4 times as old as Billy. Find their ages now.

4) Mrs. Ryan is three times as old as her grandson, Ian. Twelve years ago, she was 5 times as old as Ian. How old is Mrs. Ryan and Ian now?