

### Math 3 Written homework due Friday, October 13

Let  $F(x) = f(f(x))$  and  $G(x) = (F(x))^2$ . You also know that  $f(3) = 10$ ,  $f(10) = 2$ ,  $f'(10) = 14$ ,  $f'(3) = 3$ . Find  $F'(3)$  and  $G'(3)$ .

All the work on this homework is mine. I have written it on my own and in my own words. I have acknowledged in writing anyone with whom I have worked or from whom I have received help.

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Signature