## Derivatives

## Pset 7

Due October 28 (4 points each)
(1) Page 209: 19
(2) Page 250: 41
(3) Page 236:14 (2 pts), Page 249:24 (2 pts)

Bonus: Prove if $f^{\prime}$ is increasing then every tangent line intersects $f$ exactly once.

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### 18.014 Calculus with Theory

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