

**MA111 — Worksheet 1.1**  
**Introduction**

1. The text makes the argument for the importance of quantitative literacy and reasoning for both personal and societal reasons.

(a) Identify what role quantitative reasoning might play in your potential or chosen field of study or future occupation.

(b) Identify what role quantitative reasoning might play in your personal life.

2. In an article on the *New York Times* website

<http://economix.blogs.nytimes.com/2009/06/12/the-cost-of-health-care-reform>

appears the statement, “a reasonable estimate would be that moving to full universal coverage in 2010 would increase total national health spending by roughly \$150 billion in that year.” Provide some illustrations to help the reader grasp the magnitude of this number.