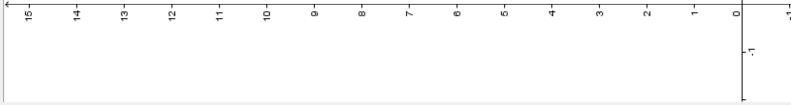




Math 490 Homework #5
Due Tuesday, February 26, 2013

- 1a. Find a closed-form expression for $7 + 14 + 21 + 28 + \dots + 7x$ where x is a natural number.
- b. Prove that your answer in part (a) is correct for all natural numbers x .
2. Prove that the center of the circumscribed circle of a right triangle is the midpoint of the triangle's hypotenuse.

From text, Section 5.6: 1-7, 9, 19



Input: