CSCI 1300/5001 – Fall 2019 Introduction to Object-Oriented Programming Michael H. Goldwasser

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Tuesday, 3 September 2019

Handout: Quiz 2

Names:		

Heron's formula for computing the area of a triangle with three known side lengths works as follows. If we let intermediate variable $s = \frac{a+b+c}{2}$ for a triangle with side lengths a, b, and c, then the area of the triangle is

$$\sqrt{s(s-a)(s-b)(s-c)}$$
.

Write a program that prompts the user for the three side lengths and which reports the area of the triangle. The script should be modeled on the following sample session:

First side? $\underline{40}$ Second side? $\underline{13}$ Third side? $\underline{37}$ Triangle has area 240.0.