1003-01-996 **Zengxiang Tong*** (`ztong@otterbein.edu`), Dr. Zengxiang Tong, Department of Mathematical Sciences, Otterbein College, Westerville, OH 43081. *Qin Jiushao's Formula for the Area of a Triangle.*

The purpose of this paper is to introduce Qin Jiushaos Formula for the Area of a Triangle in ancient Chinese mathematics. Similar to Herons formula, Qin Jiushaos formula can provide the area of a triangle by knowing the lengths of three sides. Qin Jiushao (1202 C 1261 A.D.) did not publish his proof for the formula. This paper follows the clue in Qins work and tries to find Qins original possible proof. (Received October 01, 2004)