

Senior Seminar Homework for Chapter 5

1. Find the area of a triangle with side lengths...
 - (a) 2, 3, 4.
 - (b) 3, 4, 5.
 - (c) 13, 14, 15.
2. A triangle has side lengths 26, 33, 41. An altitude is drawn to the side that has length 41. Find the length of this altitude.
3. A quadrilateral inscribed in a circle has side lengths 2, 3, 5, 8. Find the area of this quadrilateral using Brahmagupta's formula.