

# Math 160

# Quiz 1

Name: \_\_\_\_\_

July 2, 2002

This quiz is worth 10 points. Show all work for credit.

1. Give the formula for the area of a circle.
2. Give the formula for the area of a square.
3. Give the formula for the perimeter of a rectangle.
4. Give the formula for the area of a triangle.
5. State the Pythagorean Theorem.
6. State the Quadratic Theorem.
7. Let  $c = 5$ ,  $d = -6$ , and  $k = 3.3$ . Evaluate  $\frac{k + \sqrt{d^2 + c}}{cd}$ :
8. Let  $a = 10.18$ ,  $b = -3$ , and  $c = 5$ . Evaluate  $\frac{a + 3c}{a + \sqrt{b^2 + a}}$ :