

Name:

Date:

Quiz 1

Precalculus - Hargus

1. What is the radius and the center of the circle. $x^2 + (y - 5)^2 = 16$
2. Solve for x .
 $4(x - 2) = 5x$.
3. Find an equation for a line parallel to the line $y = -2x + 4$ which hits the point $(3, 6)$.
4. Solve for x .
 $x^2 + 4x = 5$.
5. Write in the simplified form $a + bi$.
 - (a) $(2 - 3i) + (4 + 7i)$
 - (b) $(2 - i)(1 + 3i)$
 - (c) $\frac{2+i}{3i}$
6. Write the inequality in interval notation.
 $|x - 2| \leq 5$.