Math 16A (Summer 2007)
Kouba
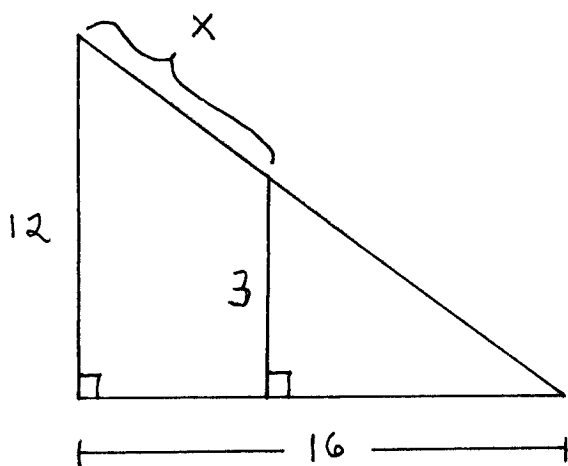Quiz 1

PRINT Name : _____

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1.) (10 pts.) Determine the center and radius of the circle given by : $x^2 - 2x + y^2 + 6y = -6$

2.) (10 pts.) Solve for x in the following diagram :

3.) (10 pts.) Let $f(x) = \dfrac{3}{x+4}$ and $g(x) = \dfrac{x}{1-x}$. Find and simplify the functional composition $f(g(x))$.