

Name: _____

Please print your name legibly and as it appears on your student ID!!!!

Math 135, Quiz # 1, January 27, 2014

1. Express the following angles in radians: $30^\circ, 45^\circ, 60^\circ, 90^\circ, 180^\circ, 270^\circ$. Compute the sin of each of these angles.

2. Compute $\sin^2(\pi/6) + \cos^2(\pi/6)$. Recall that $\sin^2(x) = (\sin(x))^2$.

3. Find all values of x that satisfy $|3x - 6| < 9$. Write your answer in interval notation.

4. Find the equation of a line parallel to $y = 2x + 5$ that passes through the point $(5, 13)$.