

QUIZ 1 - MATH 131

Thursday, September 1

YOUR NAME: _____

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Read each problem **very carefully** before starting to solve it. Each problem is worth 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points. GOOD LUCK!!

1. Use the sign table method to solve the inequality $x^2 < -x + 30$.

2. Solve the absolute value inequality $|3 - 2x| \leq 5$.