

NAME: _____ Score _____/10

You need not show any work for these questions

For each of the 5 question you should assume the solution set for $|ax + b| < t$ is the interval (k, m).

1) Sketch the graph of $|ax + b| < t$

2) Use set builder notation to write the solution set of $|ax + b| < t$

3) What is the solution set for $|ax + b| = t$. Write your answer using the roster method.

4) What is the solution set for $|ax + b| > t$. Write your answer in interval notation.

5) Sketch the graph of $|ax + b| > t$.