

Name _____

[06-02-12B-T9]

Sets

■ **A. Answer each of the following using set builder notation.**

[1] The set of all real numbers greater than 2.

[2] The set of all real numbers greater than or equal to 2.

[3] The set of all real numbers between -5 and 2 , including -5 and 2 .

[4] The set of all rational numbers between -5 and 2 , including -5 and 2 .

[5] The set of all integers numbers between -5 and 2 , including -5 and 2 .

[6] The solution set of $|x| > 5$.

[7] The solution set of $|x| < 5$.

[8] The range of f when $f(x) = x^2$.

[9] The set of all odd numbers that are a multiple of 2.