

Bronx Community College, CUNY

MTH30 Pre - Calculus

**Quiz 12**  
**(Section 2.7)**

**Do any one of the two problems**

Name: \_\_\_\_\_

1. Solve the given *polynomial inequality* and graph on the number line. Show all your work.

$$x^2 - 2x - 15 \geq 0$$

2. Solve the given *rational inequality* and graph on the number line. Show all your work.

$$\frac{3x-3}{x-2} < 0$$