

**Classwork 1**  
Precalculus MTH 130  
Instructor: Abhijit Champanerkar

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

1. Solve the inequality  $3 \leq 5x + 7 \leq 15$  and plot the solution. ☐

2. Solve the inequality  $x^2 - 7x + 12 > 0$  and plot the solution. ☐

3. Solve the inequality  $|x - 4| < 3$  and plot the solution. ☐