1. Express in terms of inequalities: .
2. Evaluate: 

**Simplify:**

1. 
2. 
3. 
4. 
5. 

**Factor Completely:**

1. 
2. 
3. 
4. 
5. 
6. 

**Solve. Write your answer in interval notation for #14 – 16.**

1. 
2. 
3. 
4. 
5. 
6. 
7. Find the equation of the line that goes through (1, 7) and and is perpendicular to 
8. Find the equation of the line through (-1, -2) and is parallel to the line 2x + 5y + 8 = 0.