Practice for 4.5 Linear Programming

The following problems will help you practice the material you learned today. Once you are finished check your solutions. Once done, you can work on your WeBWorK homework.

Test the vertices from the previous constraint equations (from 4.4) in each of these objective equations and find the maximum and minimum for each.

1. z= 2x – 3y	2. z = 3x+2y
3. Each gizmo sells for $5.00 and each widget sells for $4.00.	4. What is the maximum dollar amount they can take in at the concert?