

[Submitting HW Tips](#)**HW #6**

- 1** **Section 3.3** (Page 182): #28, 39.
- 2** **Section 3.4** (Page 201): #4.
- 3** Maximize $f(x, y, z) = z - 2x + y$ subject to the two constraints $x^2 + y^2 = 8$ and $y - z = 1$.