**Problem 3.** Students solving both parts: Sandipan Dey (Maryland), Nathan DeGraaf, Stephanie DeGraaf, Jaleb Jay, Thomas Roddenberry (Florida), Austin Rohlfing, Rochelle Starrett, Joshua Thompson

The following students solved part b: Matthew Lentner, Ben Levin, Ralph Tenuta, Jason Reynolds, Grant Wanderscheid

(There were 16 students who attempted this problem.)