Revenue Rectangles

1. What price, *p* would result in the following demands? For each *q*, find the corresponding *p*. Then find the revenue R = pq. Sketch a rectangle that has an area that represents the revenue for each case.



1000

1250

1500

3. What price p and demand q will maximize revenue? $q = __boots, p = \$ __, R = \$ __$ Sketch this **Revenue Rectangle** on one of these graphs above. What do you notice about this special rectangle?