

Supply and Demand In Exercises 65–68, graph the system representing the consumer surplus and producer surplus for the supply and demand equations. Be sure to shade the region representing the solution of the system. Find the consumer surplus and the producer surplus.

Demand

Supply

66. $p = 100 - 0.05x$

$p = 25 + 0.1x$

68. $p = 140 - 0.00002x$

$p = 80 + 0.00001x$