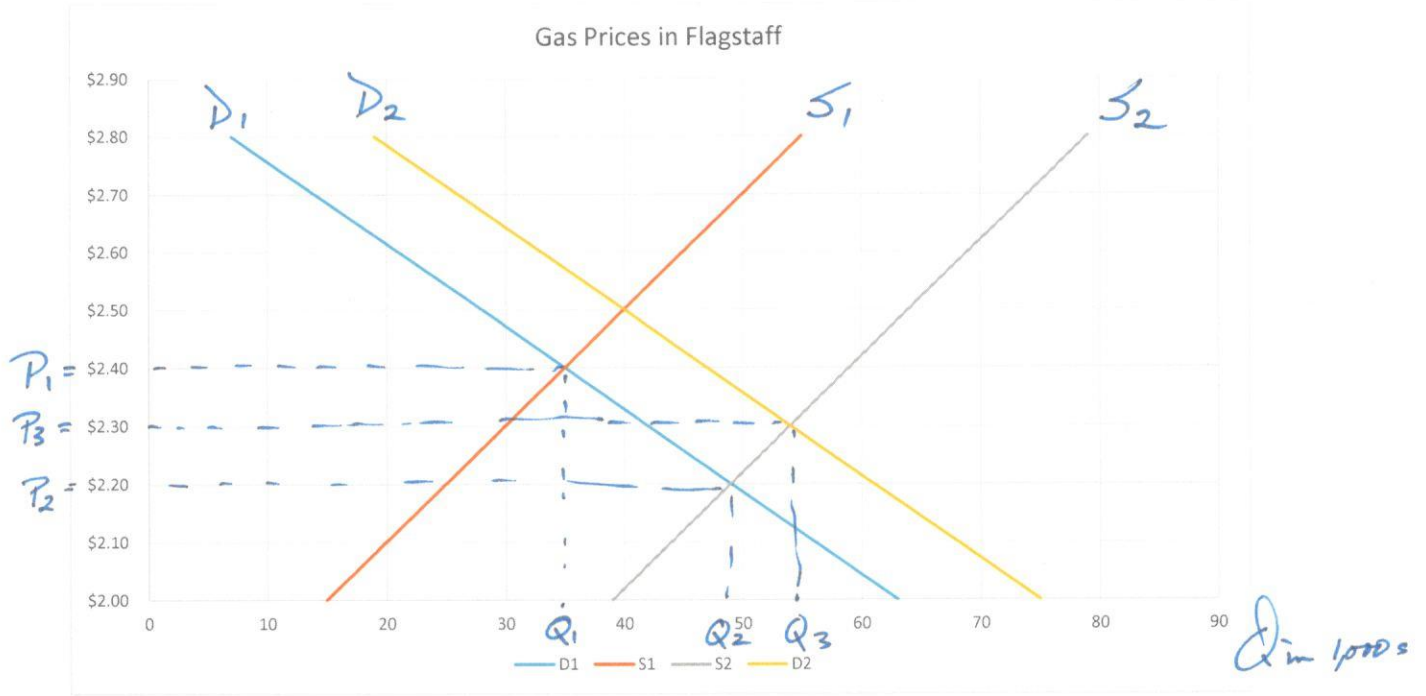


Quiz #4

P	D1	S1	S2	D2
\$ 2.80	7	55	79	19
\$ 2.70	14	50	74	26
\$ 2.60	21	45	69	33
\$ 2.50	28	40	64	40
\$ 2.40	35	35	59	47
\$ 2.30	42	30	54	54
\$ 2.20	49	25	49	61
\$ 2.10	56	20	44	68
\$ 2.00	63	15	39	75



b) $P_1 = \$2.40$; $Q_1 = 35,000$ gallons of gas per day

f) $P_3 - P_1 = 10¢$ fall in price

$Q_3 - Q_1 = (54 - 35)K = +19,000$ gallons of gas per day