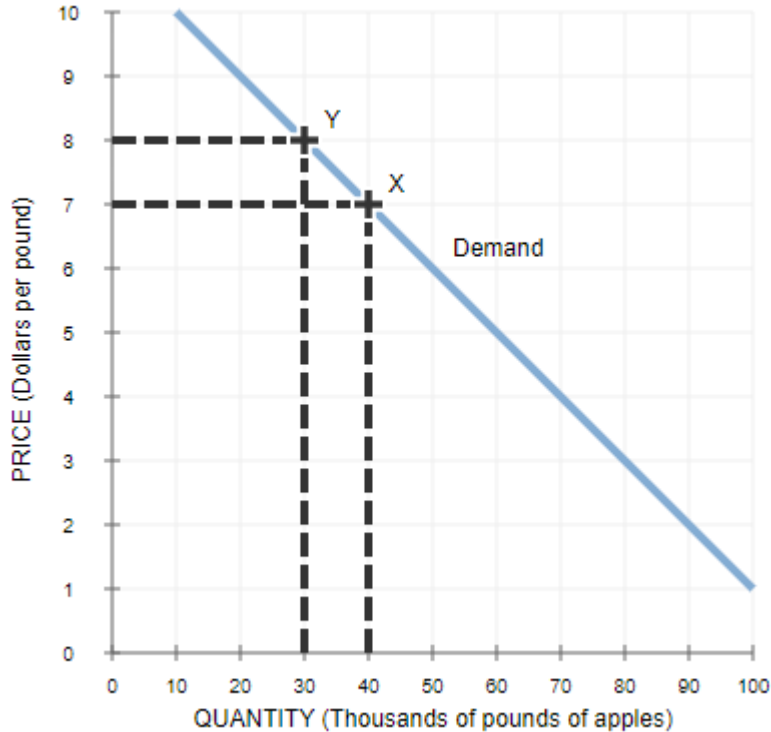# Example

Suppose that during the past year, the price of a laptop rose from \$2,100 to \$2,230. During the same time period, consumer sales decreased from 406,000 to 254,000 laptops.

$$\varepsilon_D = \frac{(Q_2 - Q_1)/[(Q_2 + Q_1)/2]}{(P_2 - P_1)/[(P_2 + P_1)/2]}$$

	Original	New	Average	Change	Percentage change
Quantity	406,000	254,000	330,000	-152,000	-0.46
Price	2,100	2,230	2,165	130	0.06

Example

	Original	New	Average	Change	Percentage change
Quantity	40	30	35	-10	-0.29
Price	7	8	8	1	0.13

$$\varepsilon_D = \frac{(Q_2 - Q_1)/[(Q_2 + Q_1)/2]}{(P_2 - P_1)/[(P_2 + P_1)/2]}$$