Price	Quantity Demanded
0.5	22
1	19

1. Change in Q^d

$22 - 19 = 3$

2. **Average quantity:**
(22+19)/2 = 20.5

$$\%\Delta \ Q^d =$$

$3/20.5 = 0.15 \times 100$

4. Change in price

$$1 - 0.5 = 0.5$$

5.   Average price
(1+0.5)/2 = 0.75

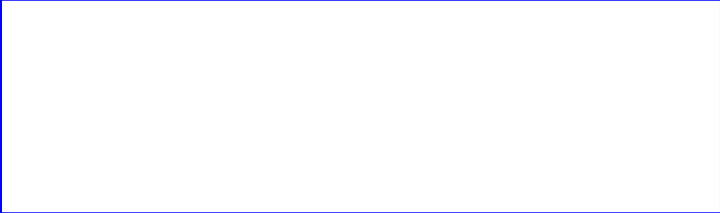$$\%\Delta \text{ Price } =$$

$$0.5/0.75 = 0.68 \times 100$$

Price Elasticity of Demand
15/68 = -0.22

Always Negative: add a negative sign

$$e_p^d = \frac{\text{Change in } Q^d \div \text{Average Quantity}}{\text{Change in Price} \div \text{Average Price}}$$

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   1-0.5= 0.5

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   (1+0.5)/2 = 0.75

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%Δ Price =
0.5/0.75 = 0.68 ₓ100