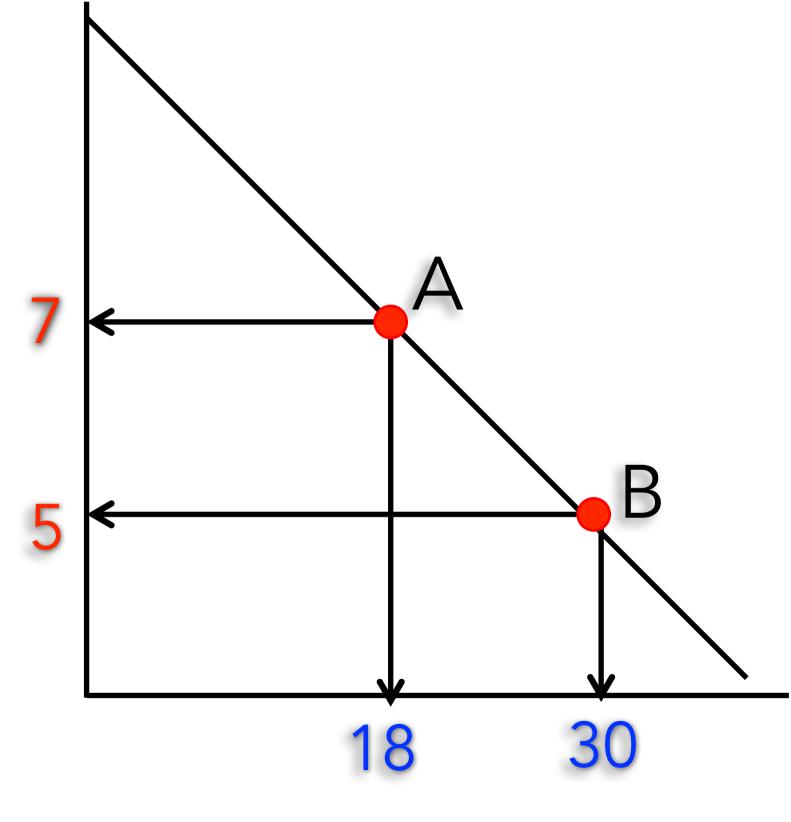




 ΔQ %\Delta Price

Price	Quantity Demanded

г





50% 33%

A



Change in Qd 30 - 18 = 12

Average quantity: (30+18)/2 = 24

%∆Qd $12/24 = 0.5 \times 100 = 50\%$

Change in price 7 - 5 = 2

Average price (7+5)/2 = 6

%∆ Price $2/6 = 0.33 \times 100 = 33\%$



























































































































































































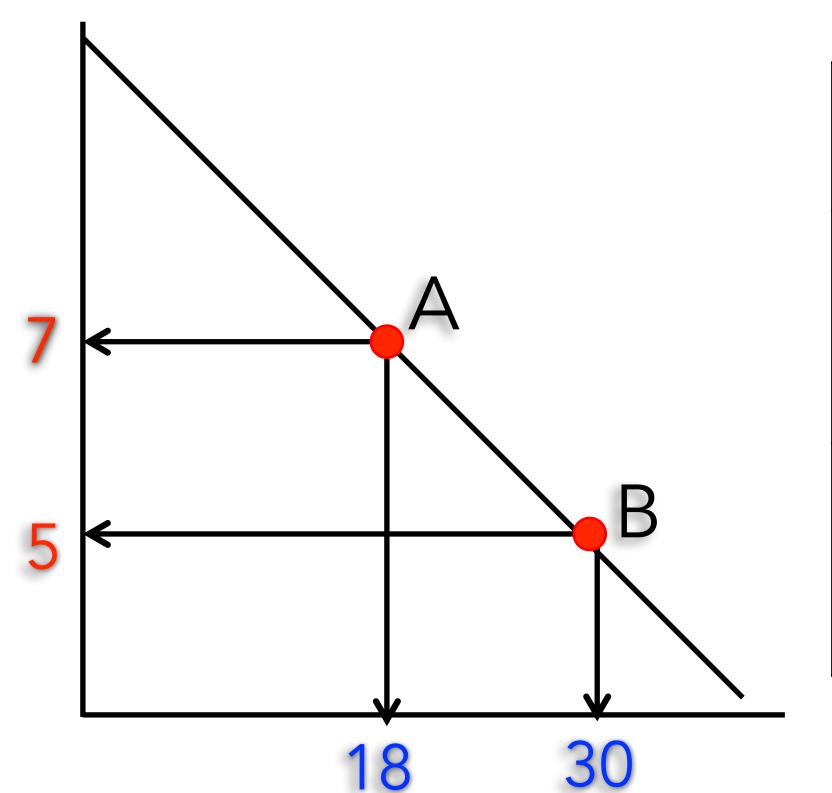




The price elasticity of demand is always negative because price and Q^d move in opposite directions:

add a negative sign





Price	Quantity Demanded
7	18
5	30

$$e_p^d = \frac{\%\Delta Q^d}{\%\Delta Price} = \frac{50\%}{33\%} = -1.51$$

The price elasticity of demand is always negative because price and Q^d move in opposite directions: add a negative sign

Change in Qd

$$30 - 18 = 12$$

Average quantity:

$$(30+18)/2 = 24$$

$$%\Delta Q^d$$

12/24 = 0.5x100 = 50%

Change in price 7 - 5 = 2

Average price
$$(7+5)/2 = 6$$

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

$$2/6 = 0.33 \times 100 = 33\%$$

