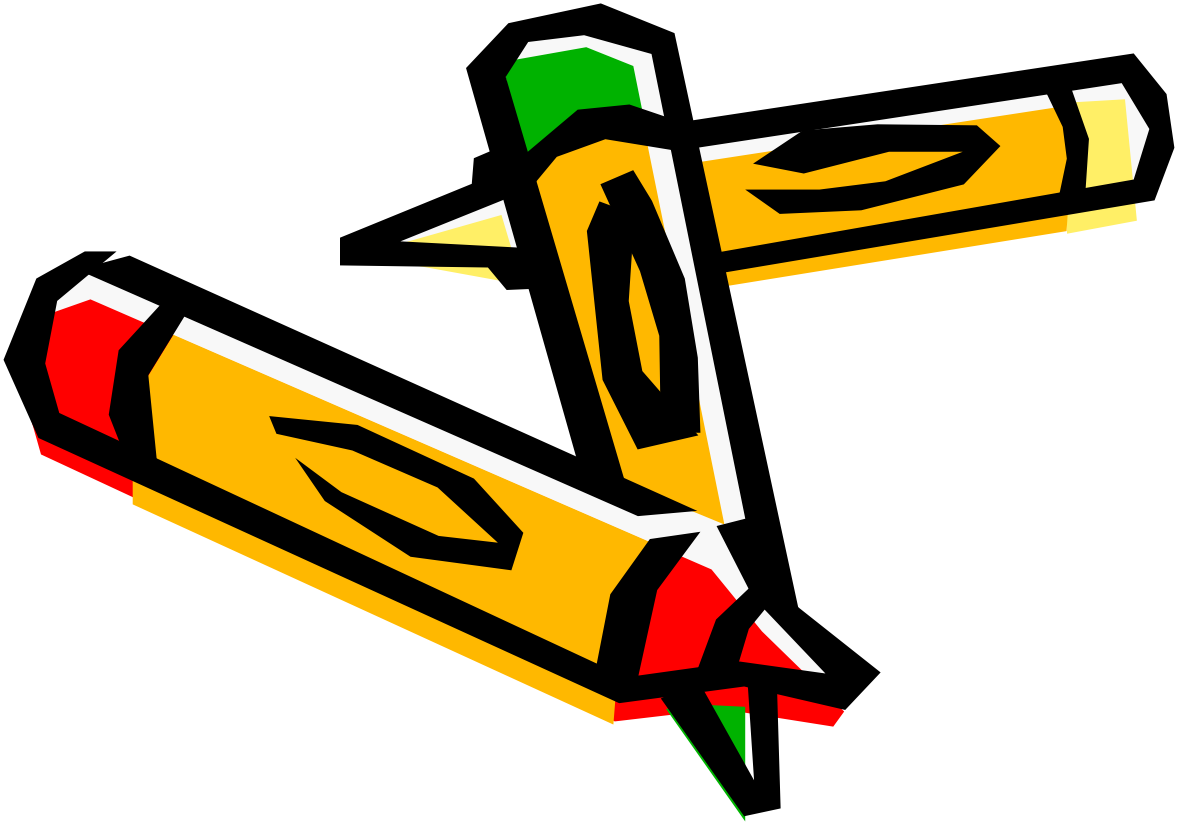
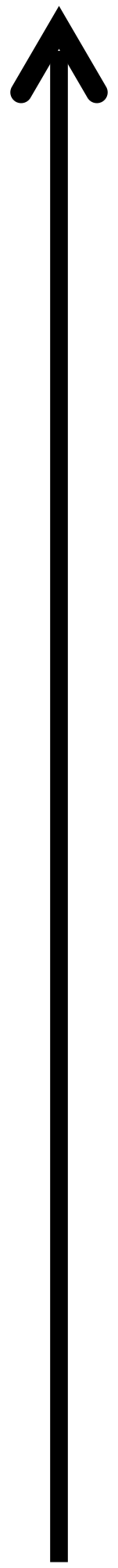
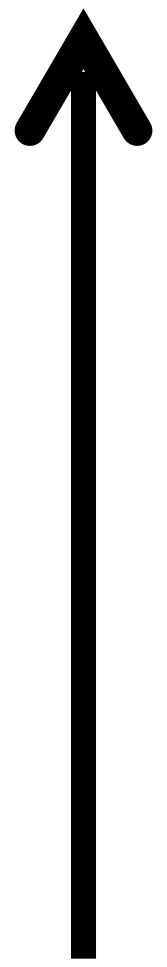
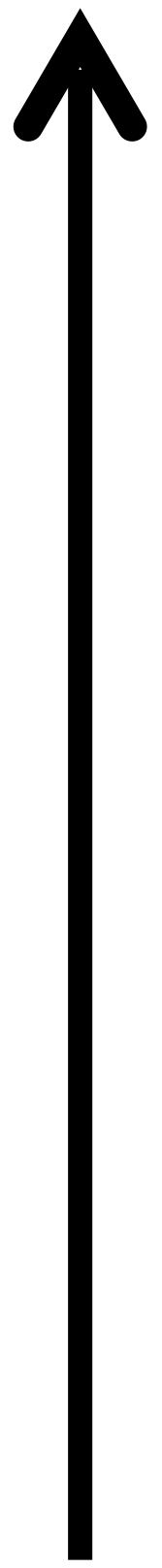
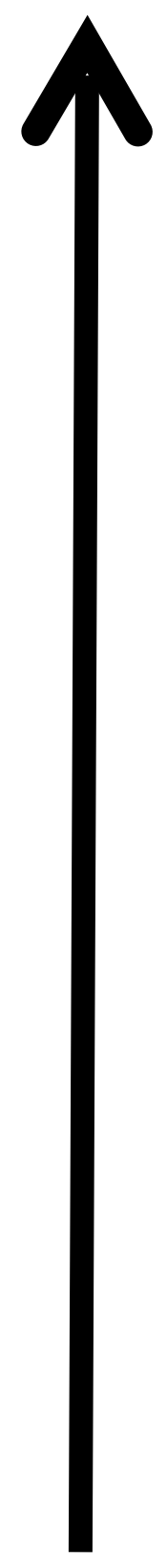


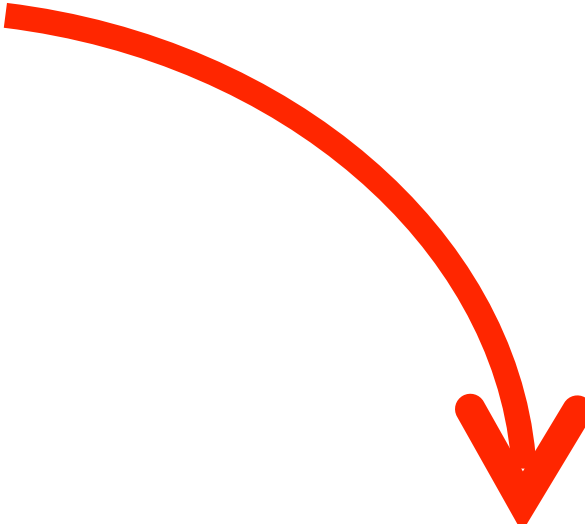
Calculating the elasticity with two points









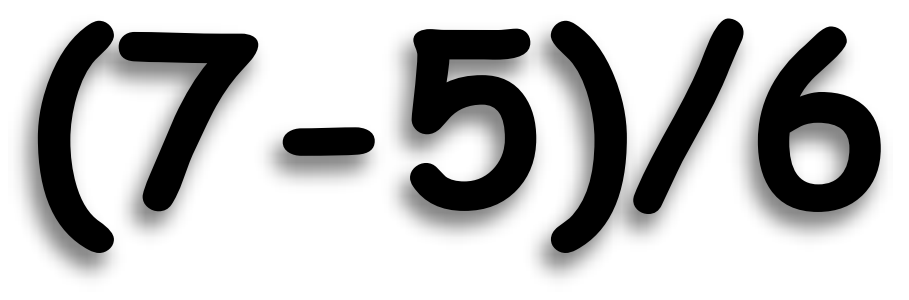


18


30

Price Elasticity of Demand 50/33 = -1.51

%Δ Price

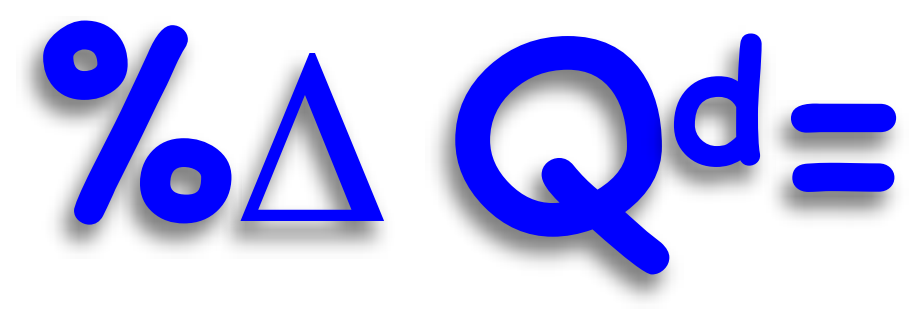

(7-5)/6

$$=0.33\times100$$

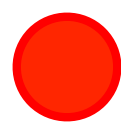
7


5

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

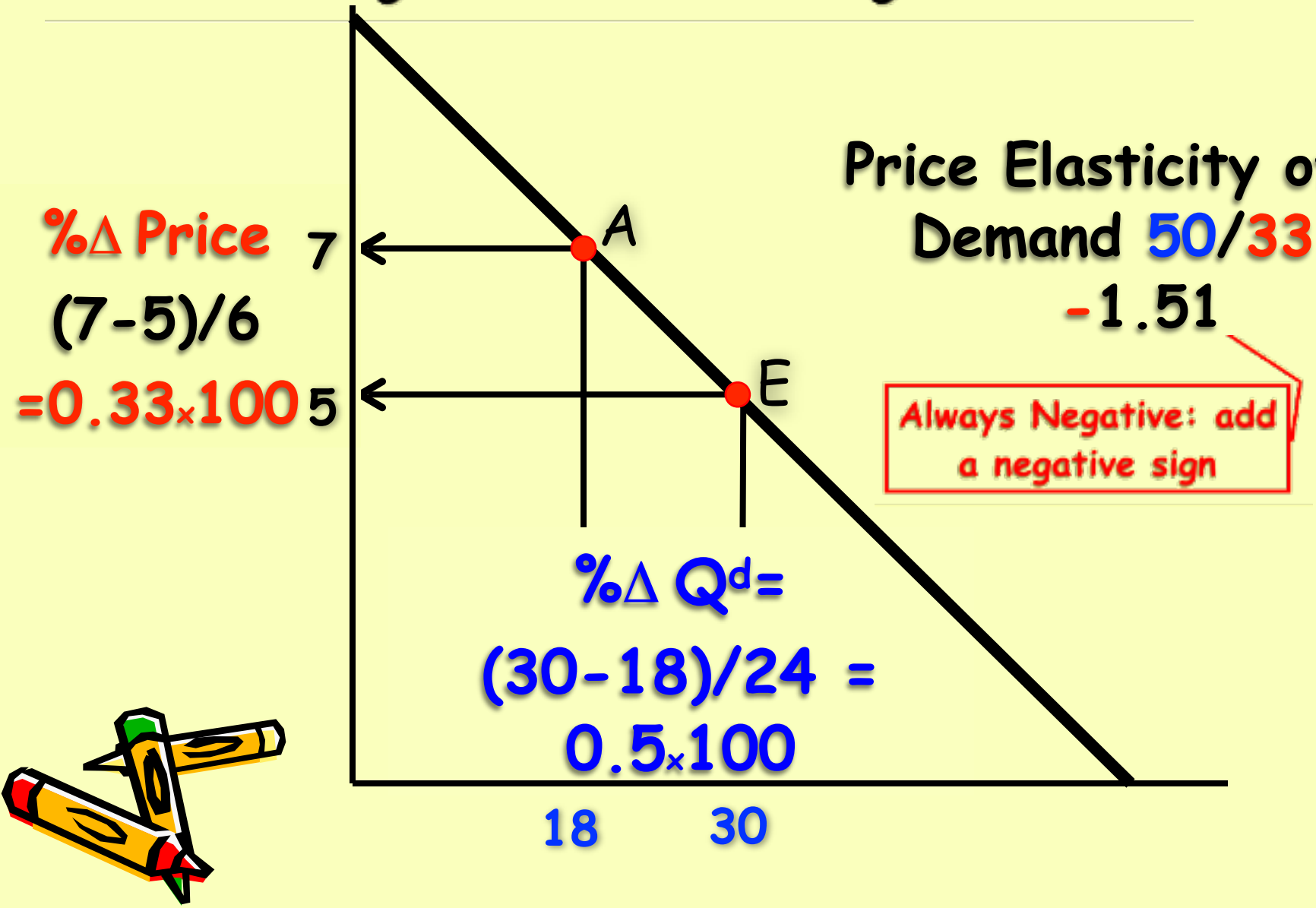


$$(30-18)/24 = 0.5 \times 100$$



Always Negative: add a negative sign

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



Price Elasticity of Demand 50/33 = -1.51

Always Negative: add a negative sign

Calculating the elasticity between two points

Price	Quantity Demanded
0.5	22
1	19