



$\epsilon_p s > 1$

% Change  
in  $Q^s$

% Change  
in Price

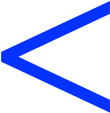


$e_p s < 1$

% Change  
in  $Q^s$

% Change  
in Price





**$e_p s = 1$**

% Change  
in  $Q^s$

% Change  
in Price











$$e_p^s = \frac{\% \Delta Q^s}{\% \Delta P}$$

Large change in  $Q^s$  in  
response to a small  
change in price: Supply  
is Elastic

The change in  $Q^s$  is the  
same as change in  
price: Supply is Unit  
Elastic

Small change in  $Q^s$  in  
response to a larger  
change in price: Supply  
is **Inelastic**

Three possible answers for the Price Elasticity of Supply:

$$e_p^s = \frac{\% \Delta Q^s}{\% \Delta P}$$

Three possible answers for the Price Elasticity of Supply:

$$e_p^s > 1$$



$$\% \text{ Change in } Q^s > \% \text{ Change in Price}$$

Large change in  $Q^s$  in response to a small change in price: Supply is **Elastic**

$$e_p^s = 1$$



$$\% \text{ Change in } Q^s = \% \text{ Change in Price}$$

The change in  $Q^s$  is the same as change in price: Supply is **Unit Elastic**

$$e_p^s < 1$$



$$\% \text{ Change in } Q^s < \% \text{ Change in Price}$$

Small change in  $Q^s$  in response to a larger change in price: Supply is **Inelastic**

