## Pricing Systems Market Equilibrium through Supply and Demand

- When is a price floor commonly used?
- What is the quantity supplied (QS) at the price floor? $\qquad$

- What is the quantity demanded (QD) at the price floor? $\qquad$
- Is there a shortage ( $\mathrm{QS}<\mathrm{QD}$ ) or a surplus ( $\mathrm{QS}>\mathrm{QD}$ ) with this price floor? How much?

- When is a price ceiling commonly used?
- What is the quantity supplied (QS) at the price ceiling? $\qquad$
- What is the quantity demanded (QD) at the price ceiling? $\qquad$
- Is there a shortage ( $\mathrm{QS}<\mathrm{QD)}$ ) or a surplus (QS > QD) with this price ceiling? How much?


## Price Floors and Ceilings

1. What is the market-clearing price in the graph below?
2. What quantity is demanded and what quantity is supplied at the marketclearing price?

Quantity demanded $\qquad$ Quantity supplied $\qquad$
3. What quantity is demanded and what quantity is supplied if the government passes a law setting a maximum price of $\$ 30$ ?

Quantity demanded $\qquad$ Quantity supplied $\qquad$
4. What quantity would be demanded and what quantity would be supplied if the government passed a law setting a minimum price of $\$ 80$ ?

Quantity demanded $\qquad$ Quantity supplied $\qquad$


## Price Floors \& Ceilings

You are a government...

1. Choose a product to place a price floor on:
2. Explain why you are choosing to put a price floor on this product (it needs to benefit someone!):
3. Add to the graph below:

- Create a specific equilibrium price and quantity.
- Create a price for your price floor. Draw the price floor.


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2. Explain why you are choosing to put a price ceiling on this product (it needs to benefit someone!):
3. Add to the graph below:

- Create a specific equilibrium price and quantity.
- Create a price for your price ceiling. Draw the price ceiling.


