$$Q^d = 20 - 2P$$

$$0 = 20 - 2P$$


If $Q^d = 0$

$$P = 20/2$$

Price:P

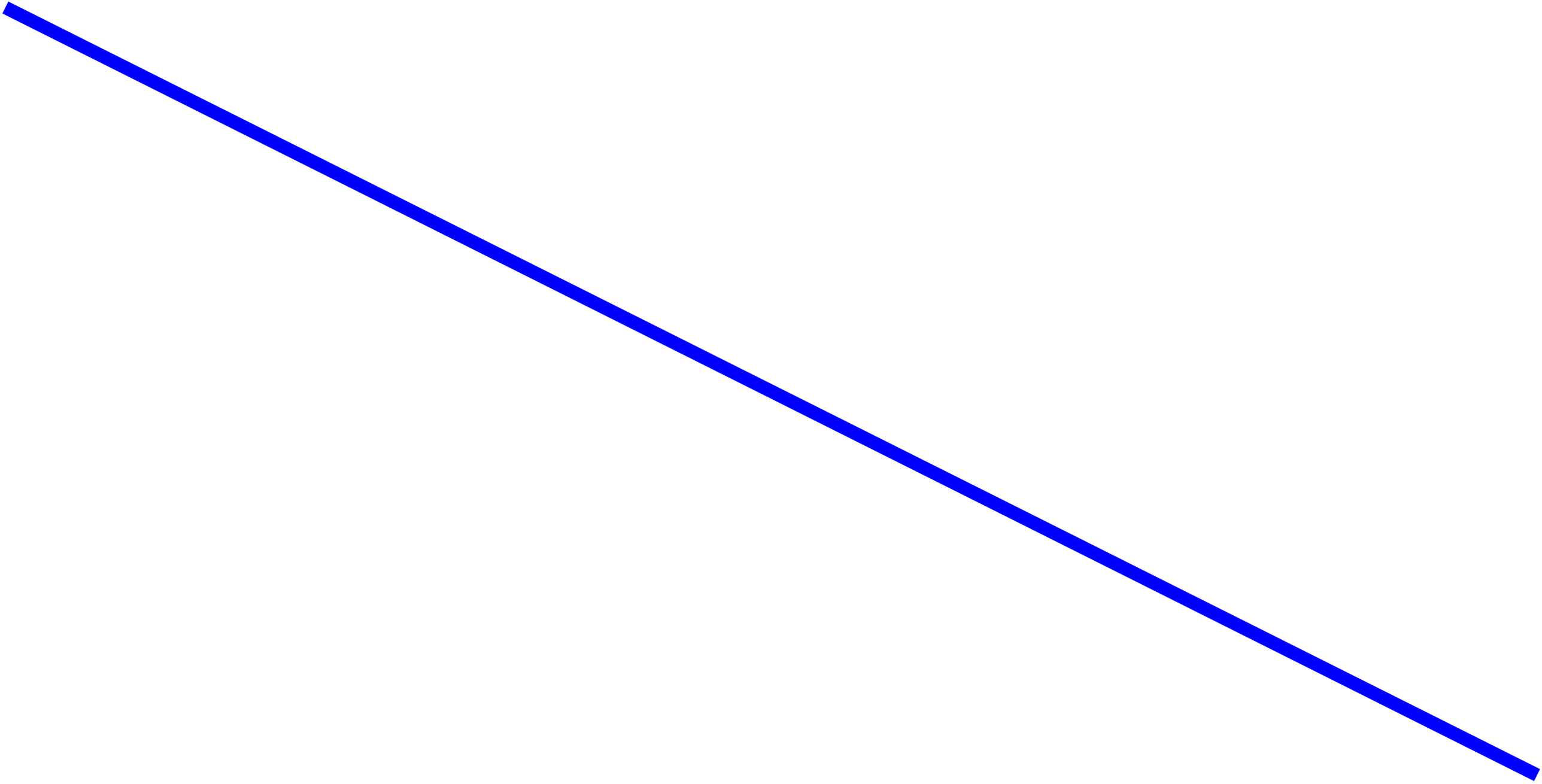
# Quantity Demanded: $Q^d$

$$Q^d = 20$$

If P == 0

$$P = 10$$

$$Q^d = 20$$



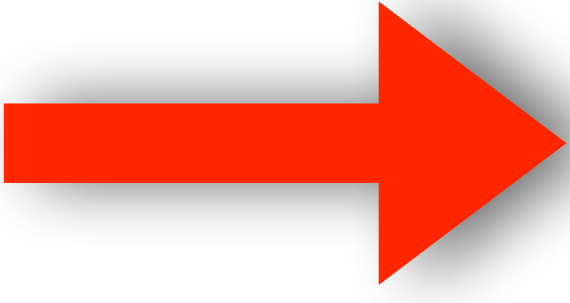
P = 10

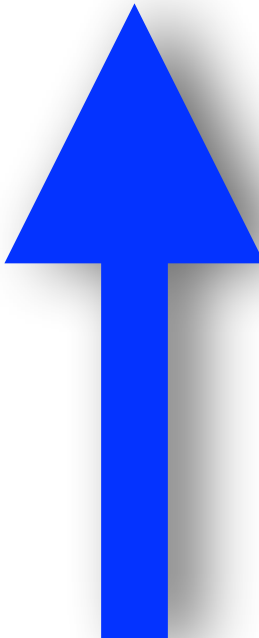
$$P \equiv 0$$

$$Q^d = 20 - 2P$$

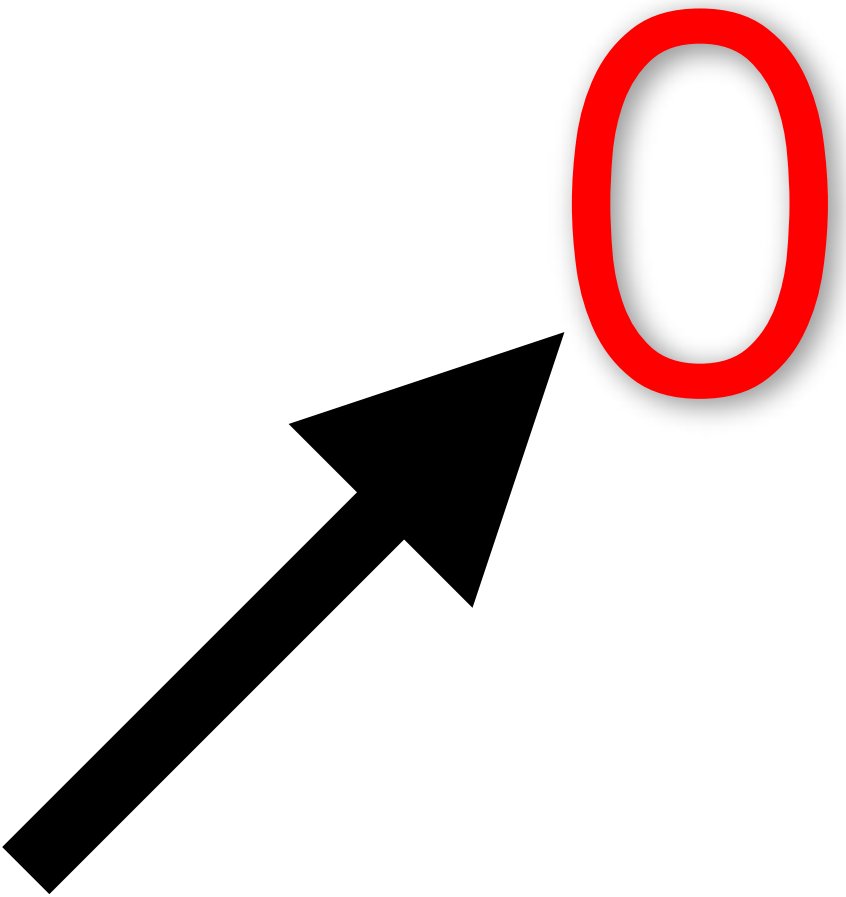
$$2P = 20$$

$$Q^d \equiv 0$$





We need two points to draw a demand curve: These two are the easiest but **any** two points can be used


0

$(P = 0; Q^d = 20)$

$Q^d = 20 - 2P$

If $Q^d = 0$

$0 = 20 - 2P$

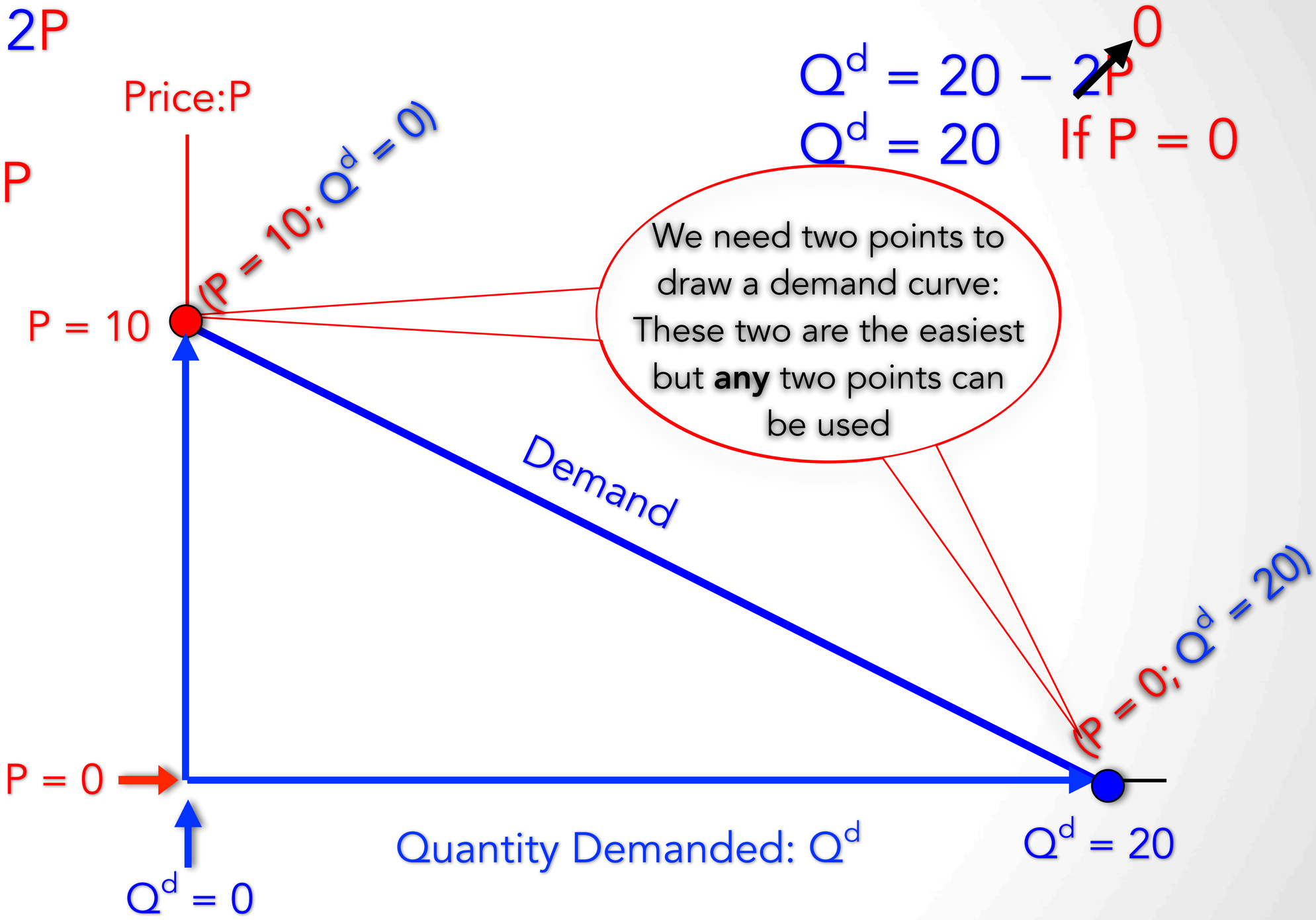
$2P = 20$

$P = 20/2$

$P = 10$

$Q^d = 20 - 2P$

$Q^d = 20$ If $P = 0$



# Changing the Equation for a Demand Line to show a “shift in Demand”