$$Q^S = -5 + 5P$$

If $Q^s = 0$

$$P = 1$$

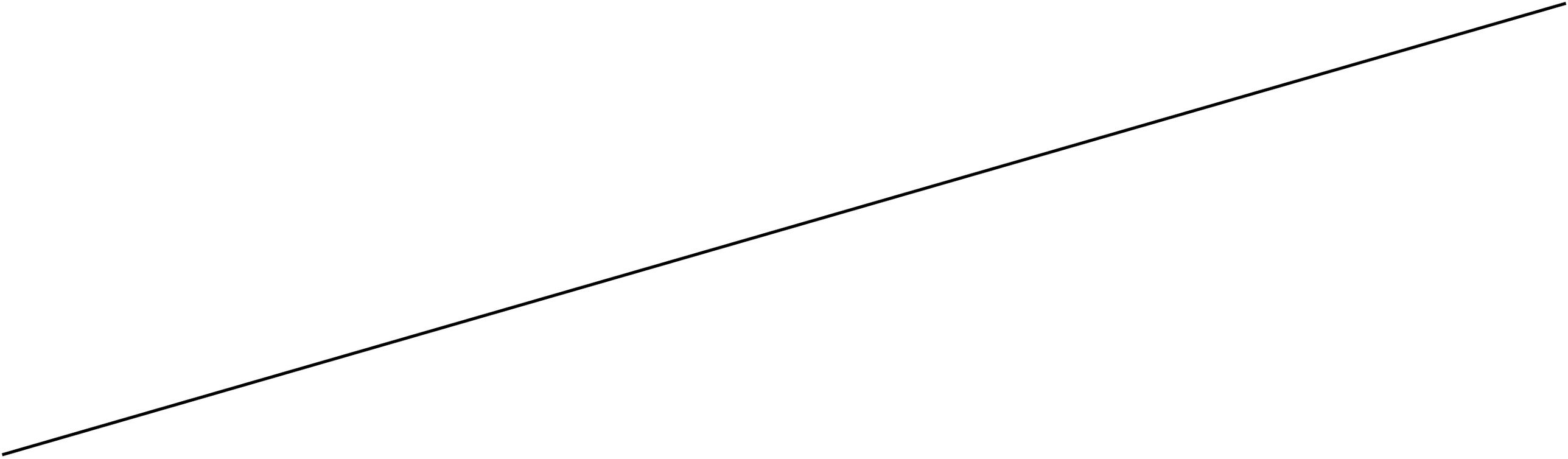
Price

Quantity

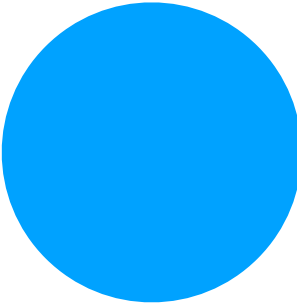
$$Q^s = -5$$

If P = 0

$$Q^S = -5$$



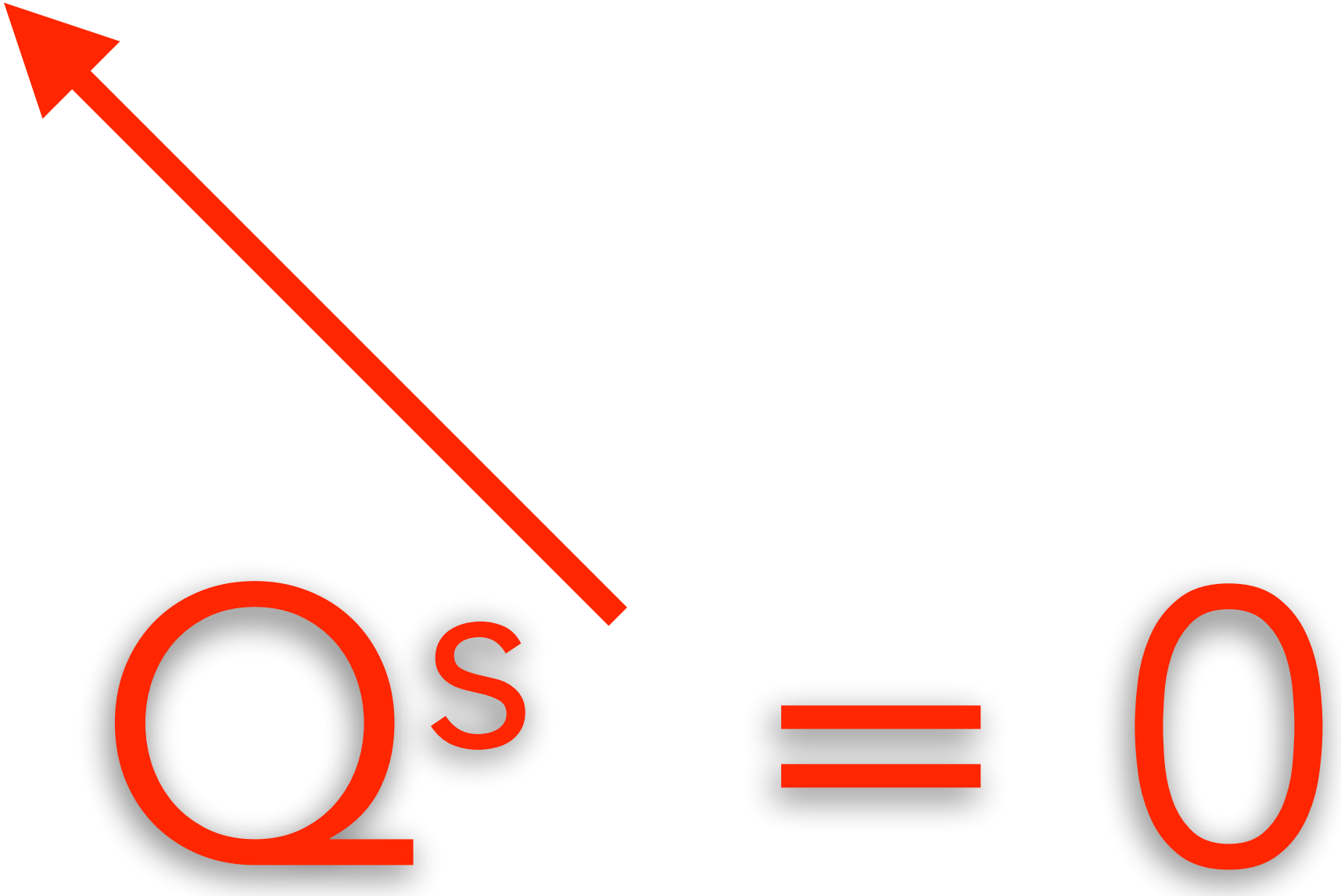
New Supply



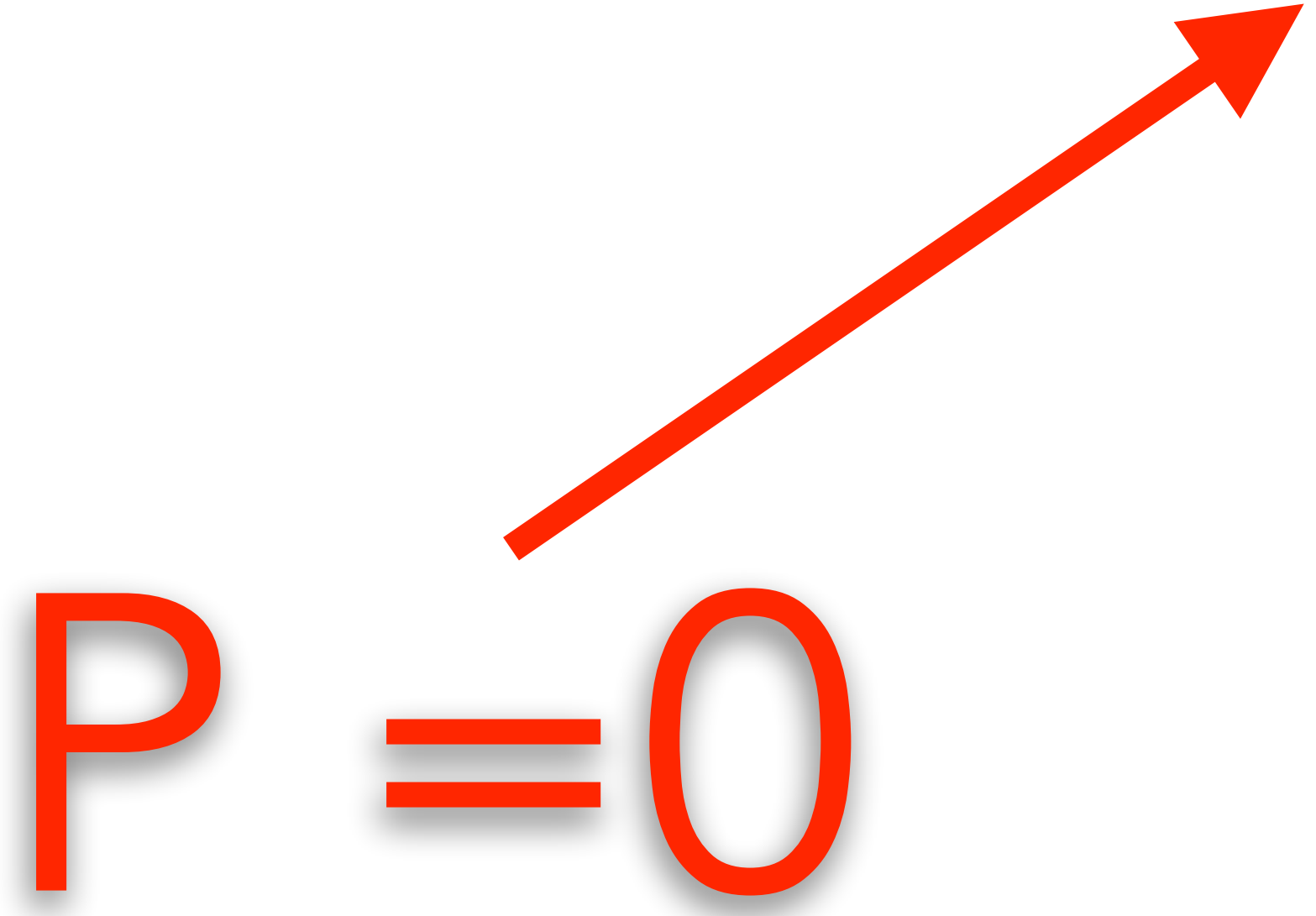
$$0 = -5 + 5P$$

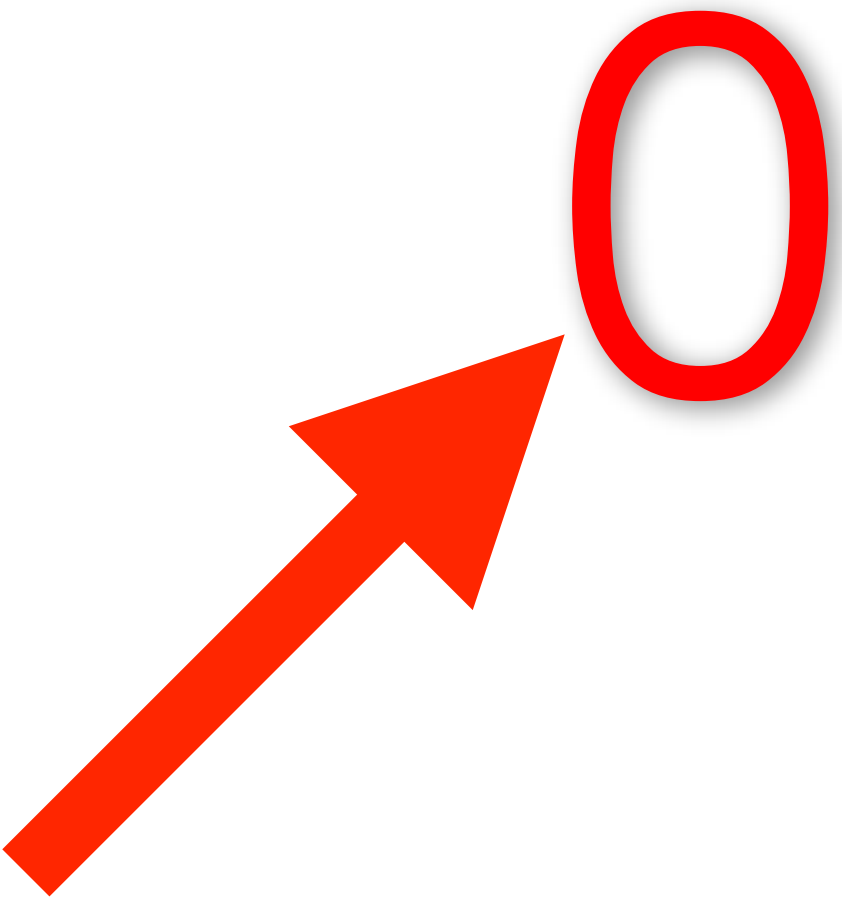
5 = 5P

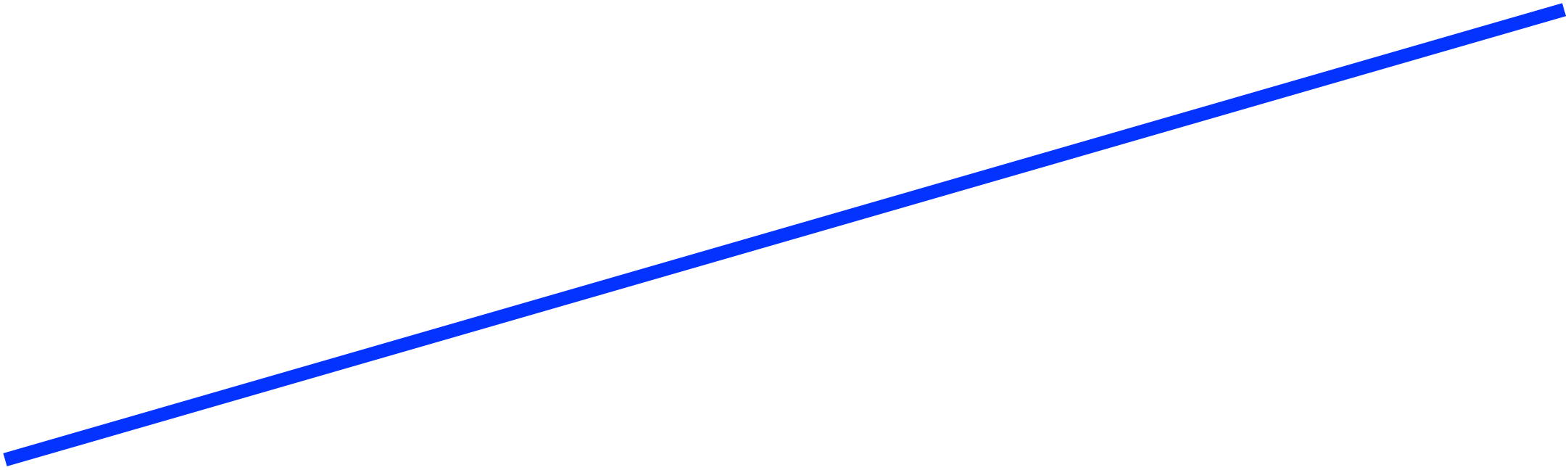
$$P = 5/5$$


$Q_s = 0$

$$P = 1$$


P =0


0



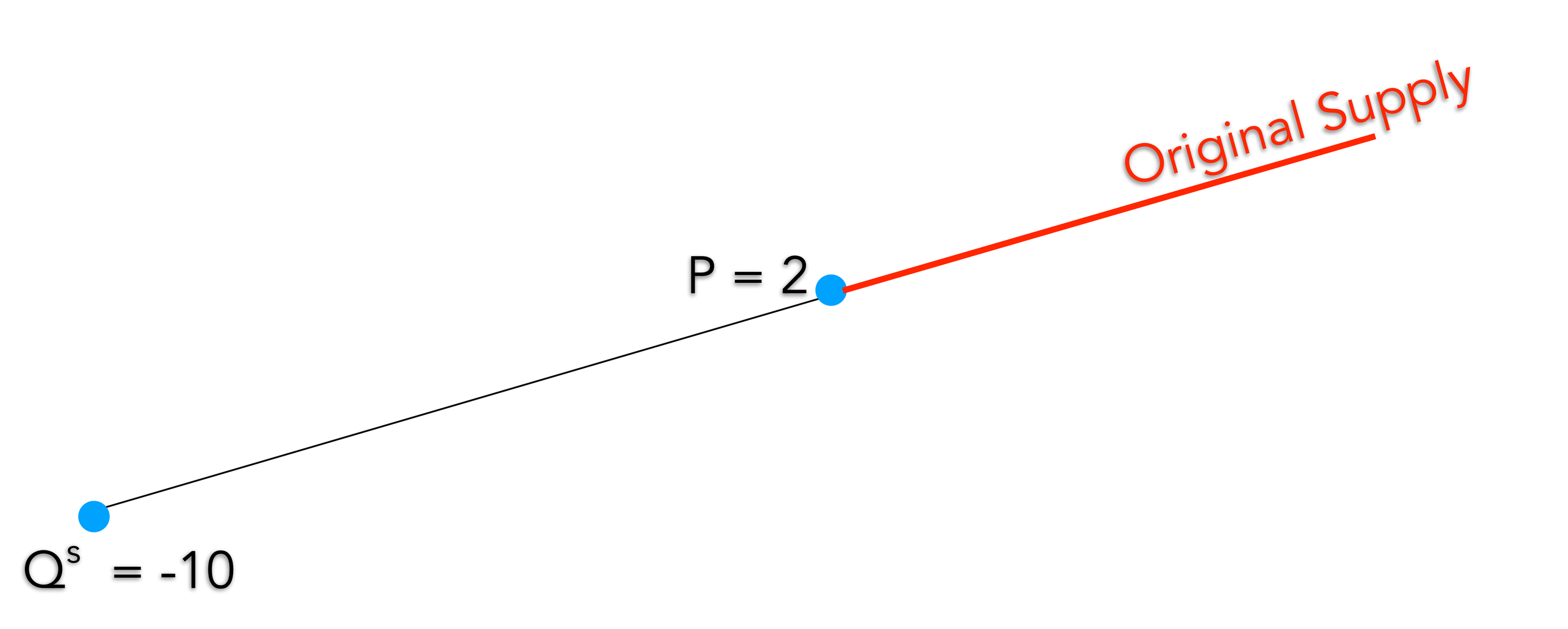
$$Q^S = -10 + 5P$$

Producers sell 5 units more at all prices

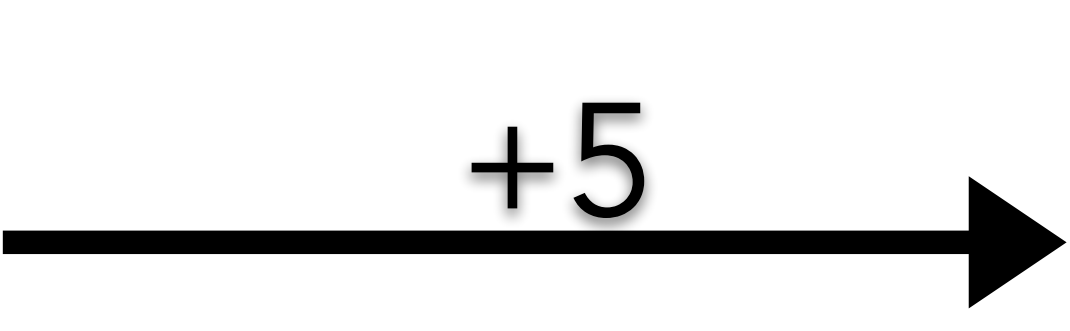
$$Q^S = -10 + 5P + 5$$

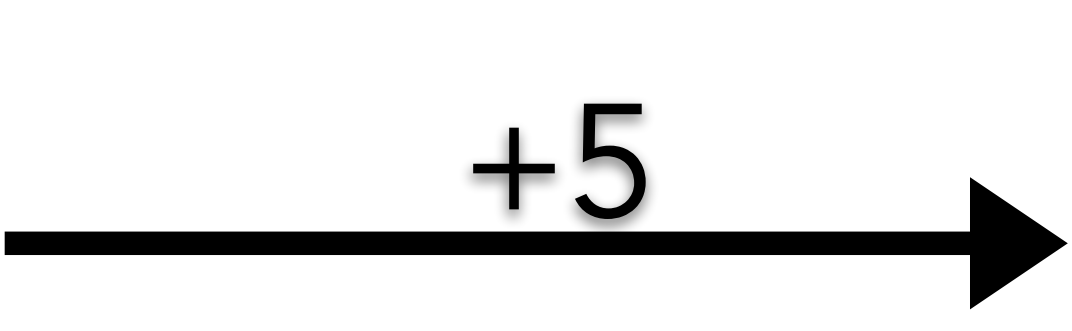
$$Q^S = -5 + 5P$$

This is the new Supply line


Original Supply
P = 2
Q^s = -10

Parallel Shift


+5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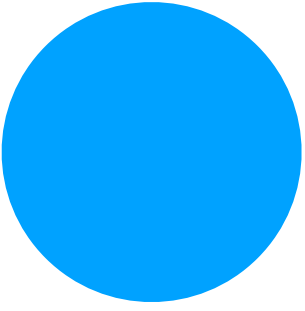


$Q^s = -10 + 5P$ Producers sell 5 units more at all prices

$Q^s = -10 + 5P + 5$

$Q^s = -5 + 5P$

$Q^s = -5 + 5P$ This is the new Supply line

If $P = 0$ $Q^s = -5$

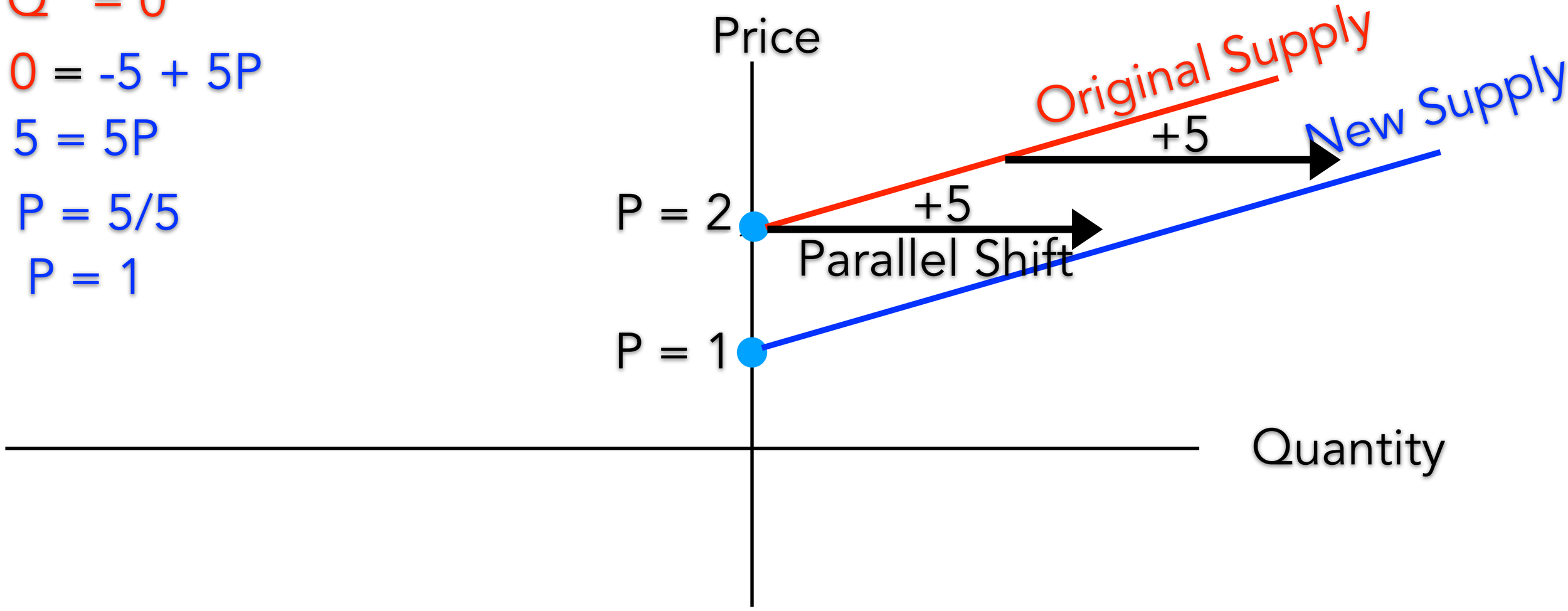
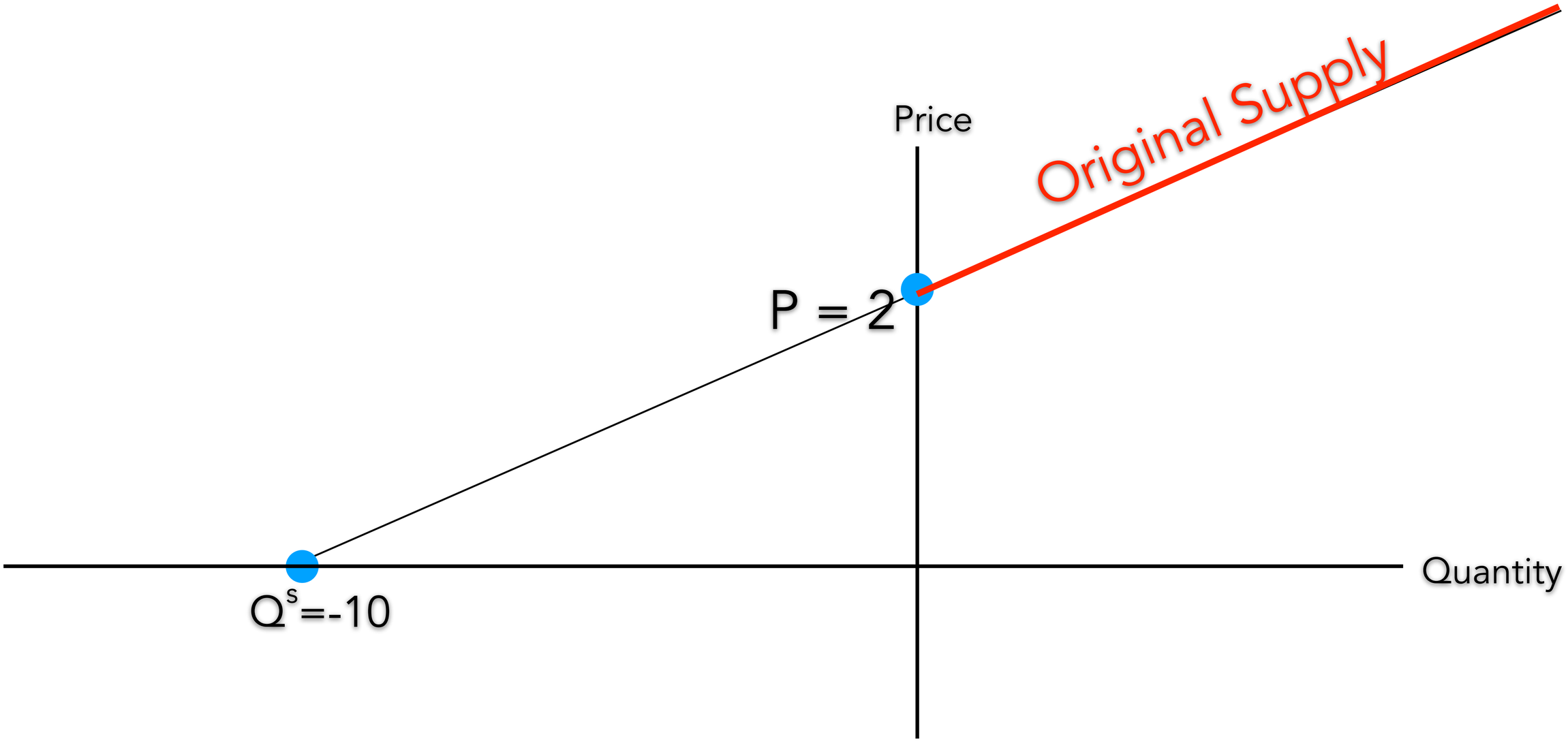
If $Q^s = 0$

$0 = -5 + 5P$

$5 = 5P$

$P = 5/5$

$P = 1$



$Q^s = -10 + 5P$