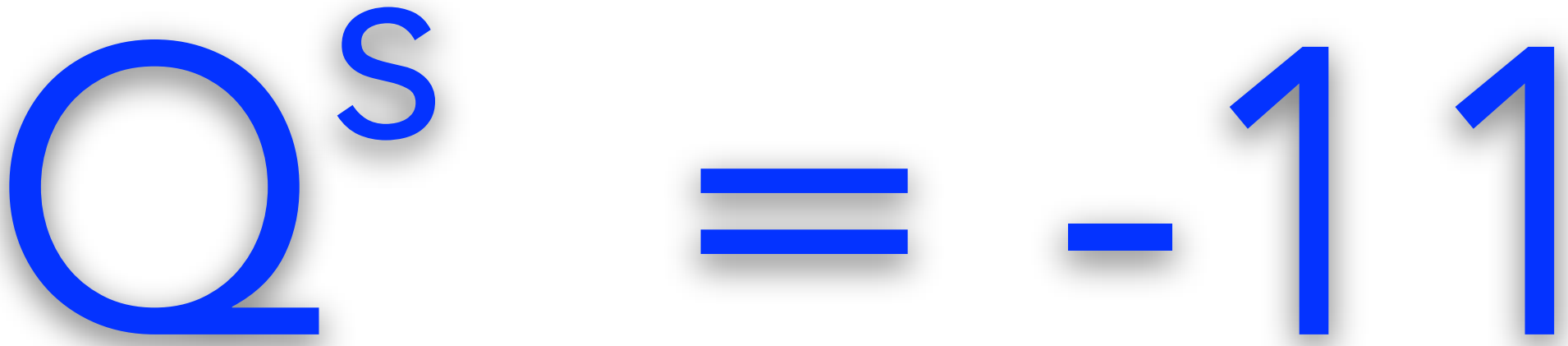
$$Q^S = -11 + 5.5P$$

If $Q^s = 0$

$$P = 2$$

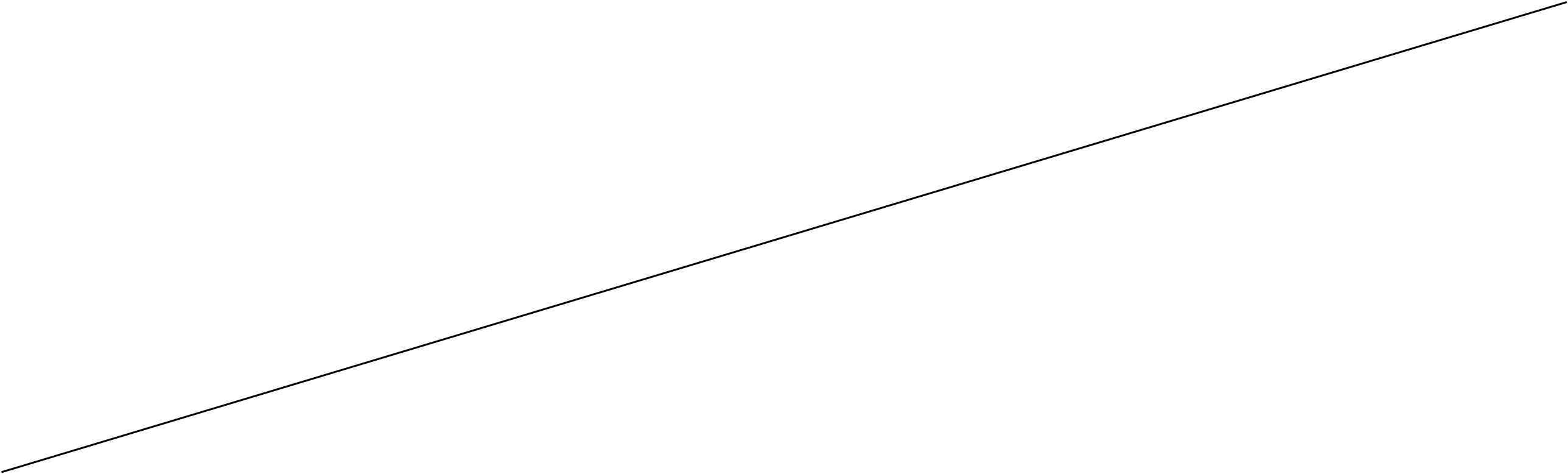
Price

Quantity


$Q^S = -11$

If P == 0

$$Q^{S} = -11$$

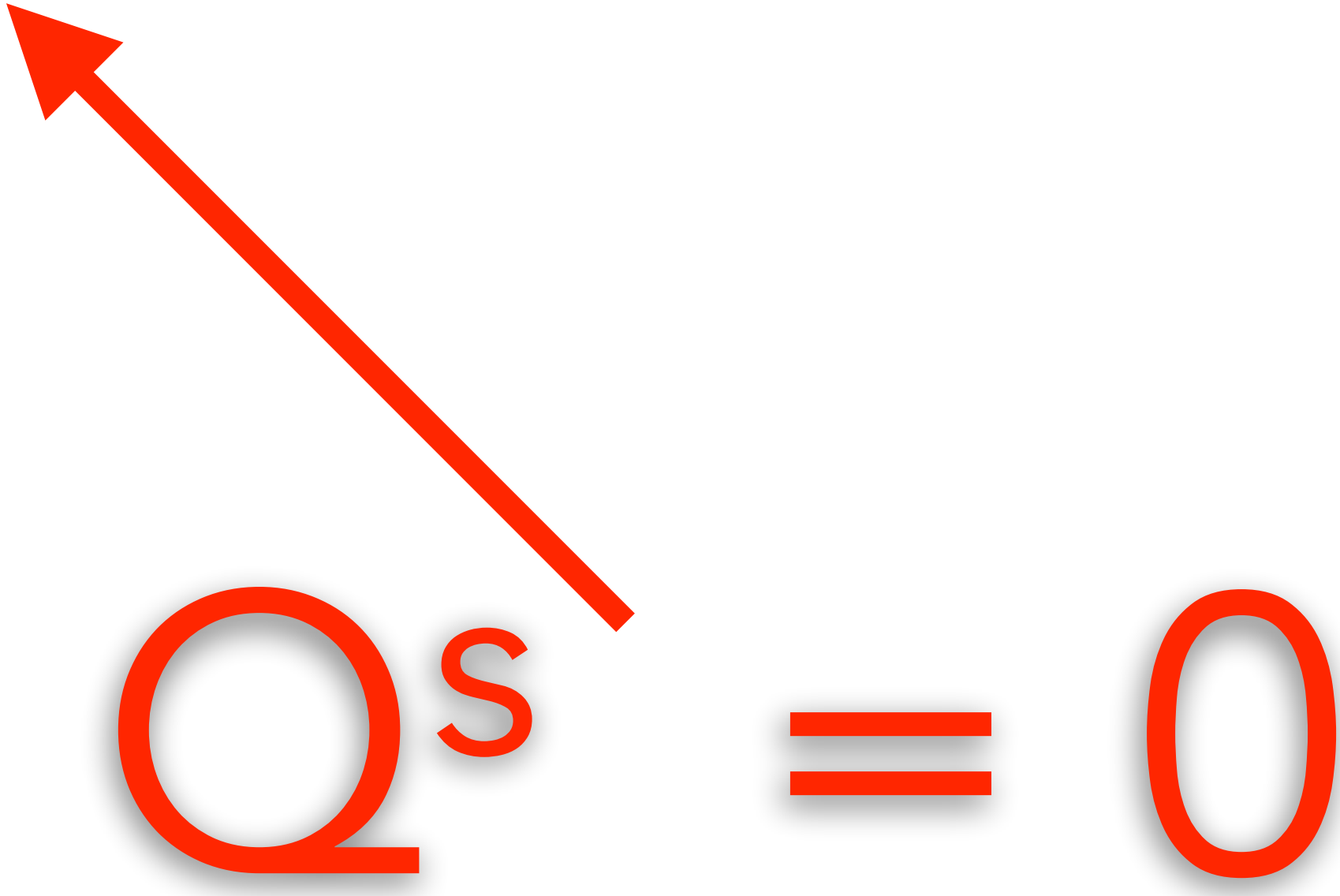


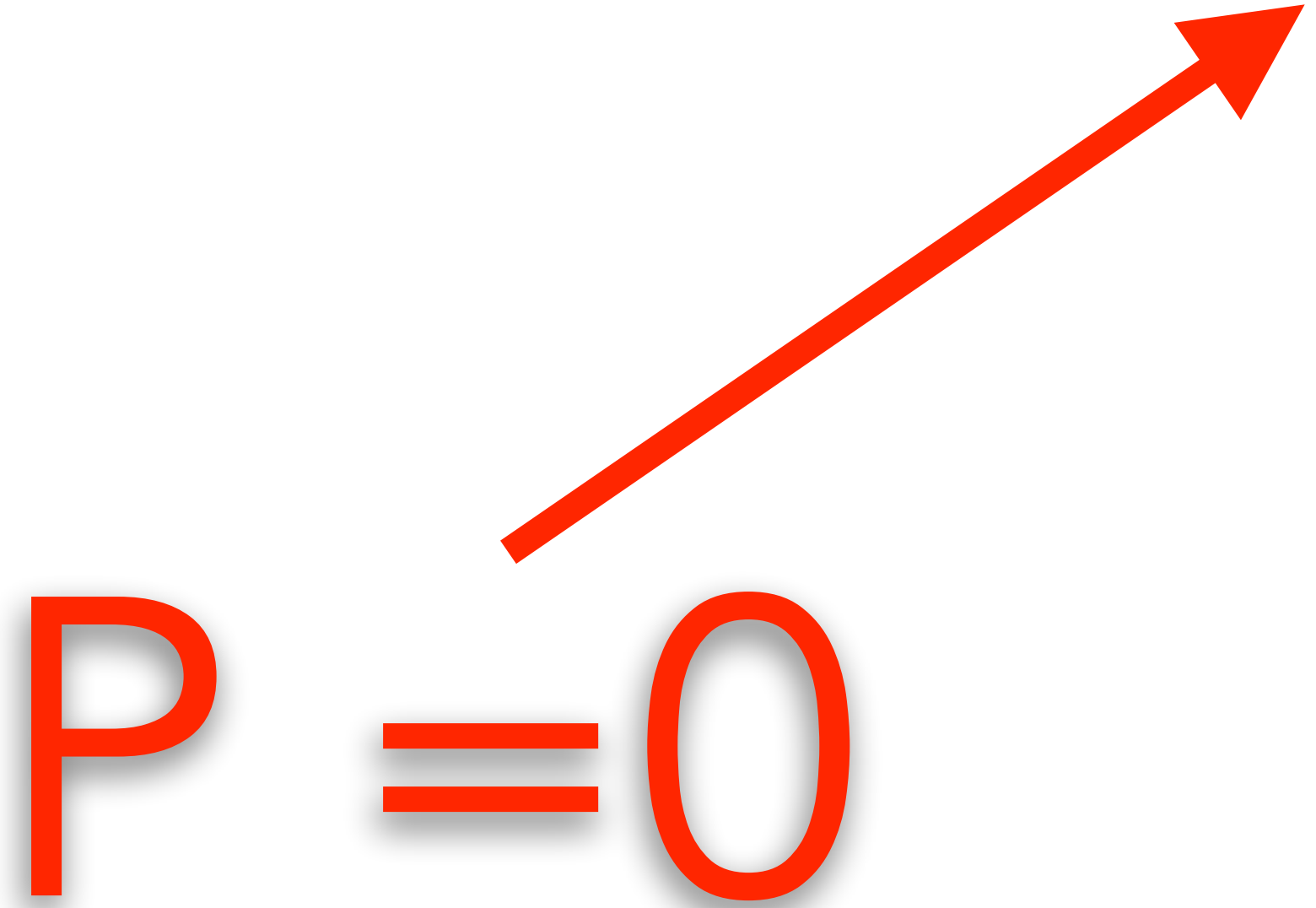

New Supply

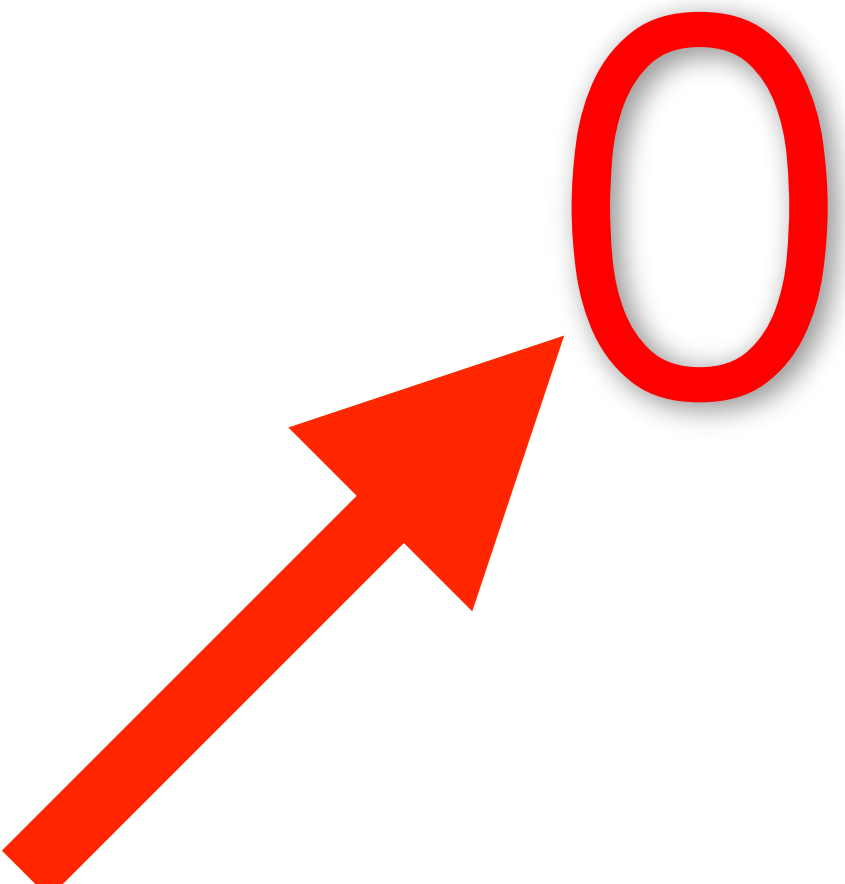
$$0 = -11 + 5.5P$$

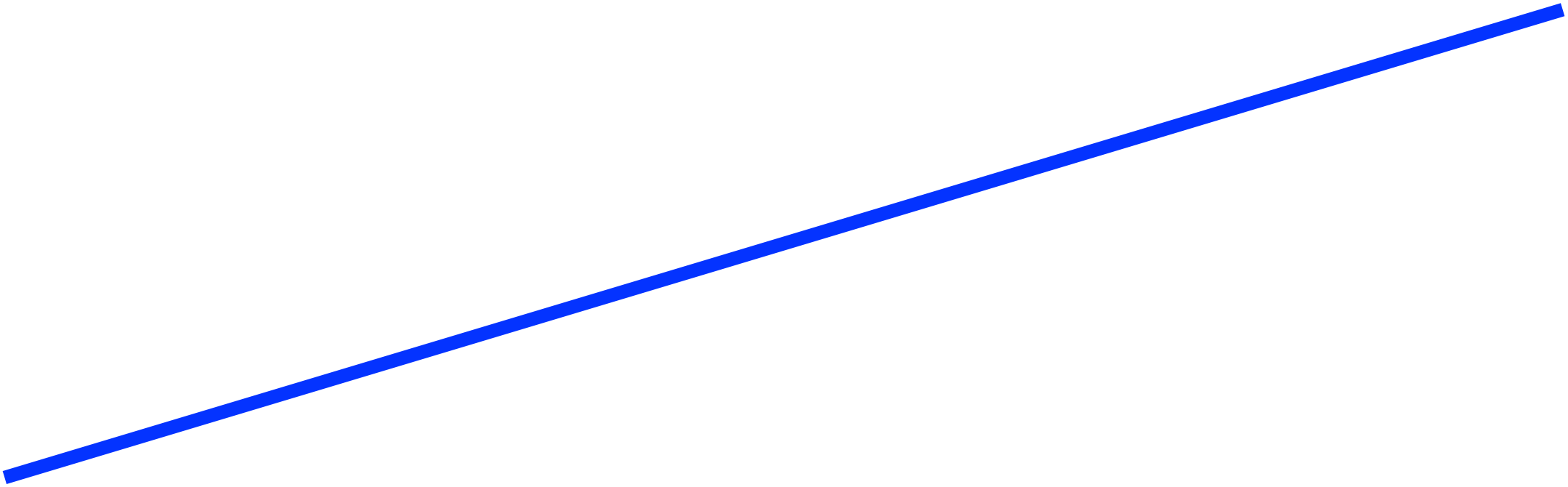
11 = 5.5P

$$P = 11/5.5$$


$Q_s = 0$


P =0


0



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

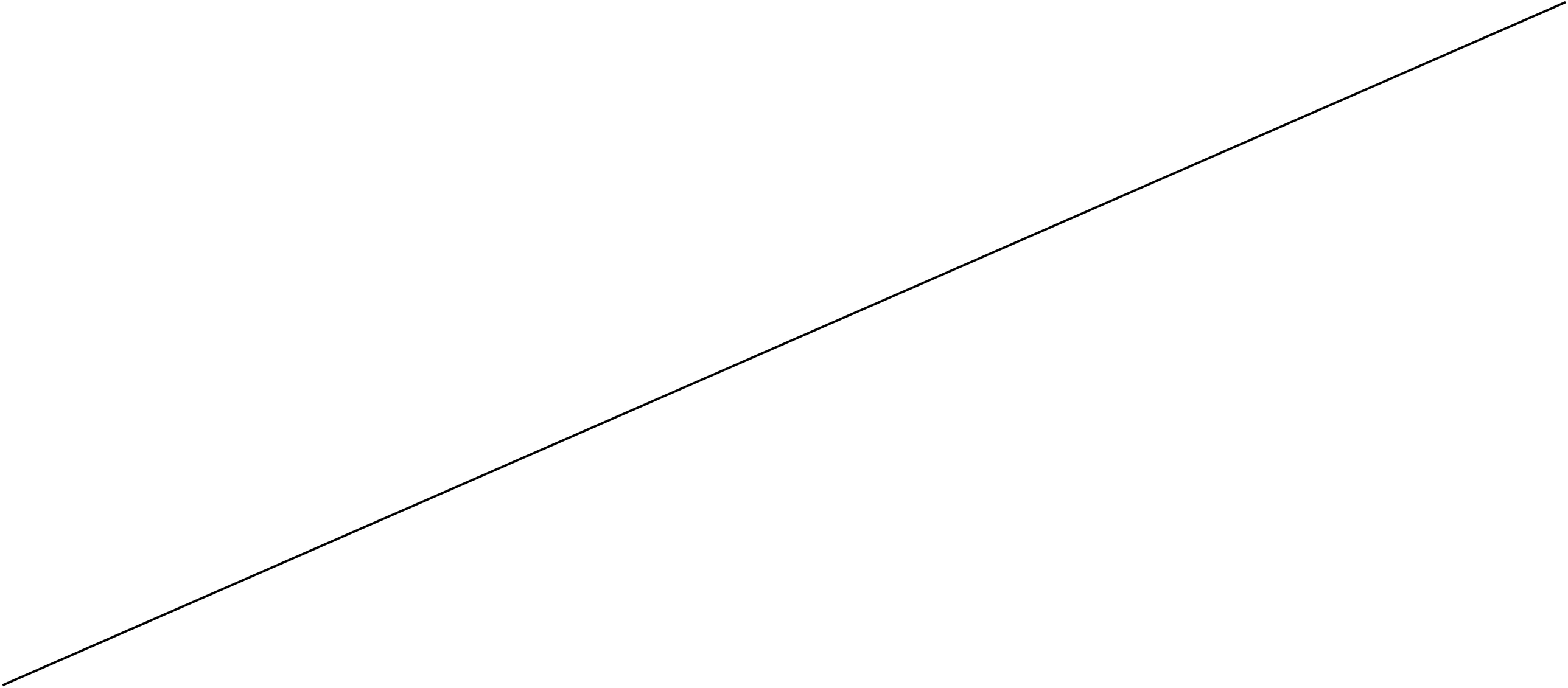
Producers sell 10% more at all prices

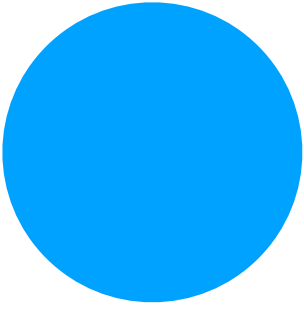
$$Q^s = (-10 + 5P) \quad (1.1)$$

$$Q^S = -10(1.1) + 5P(1.1)$$

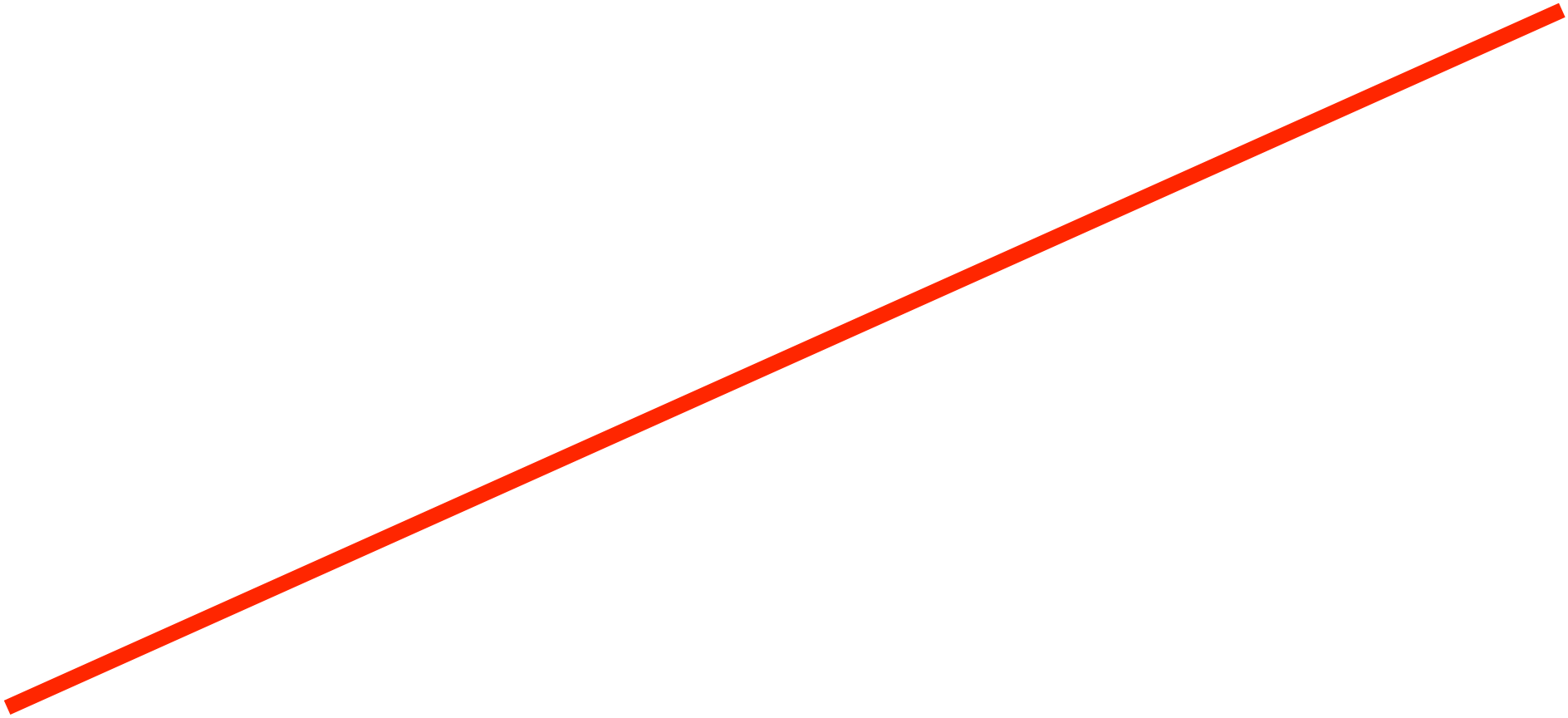
This is the new Supply line

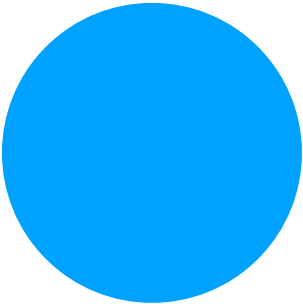
$$Q^{S} = -10$$

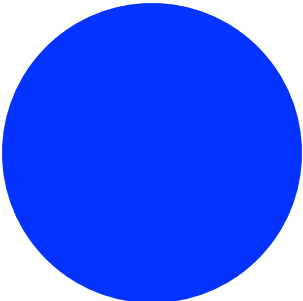




$$P = 2$$

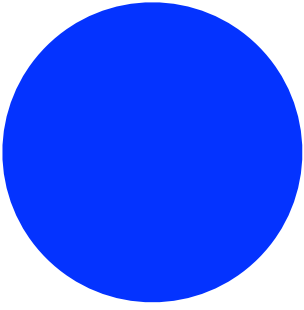


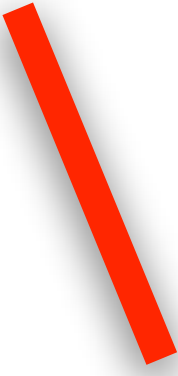


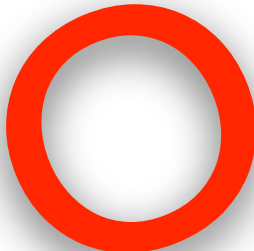


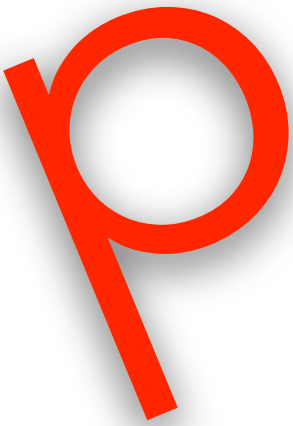
$$Q^S = -11 + 5.5\,P$$

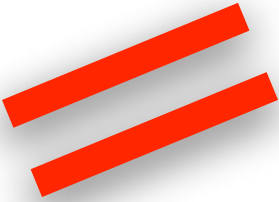
$$P = 2$$











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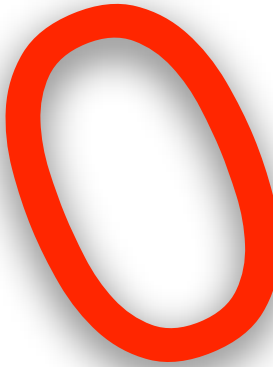
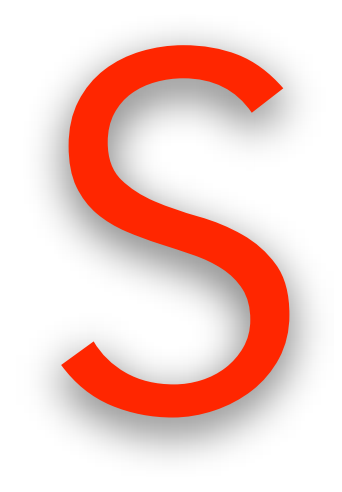
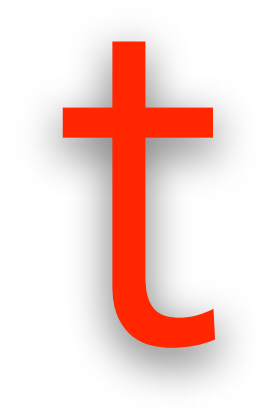
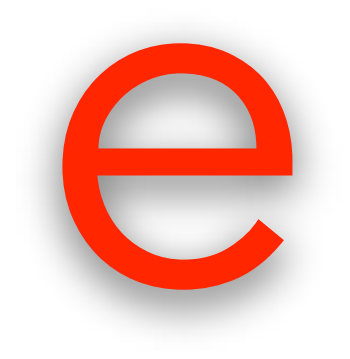
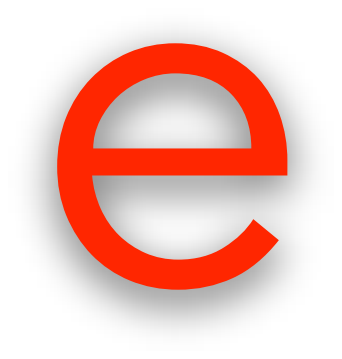


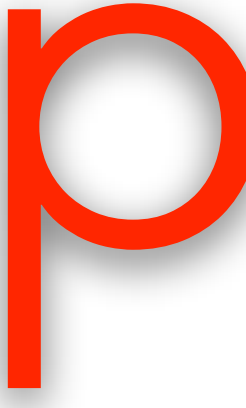
$$\text{slope} = 2/11$$

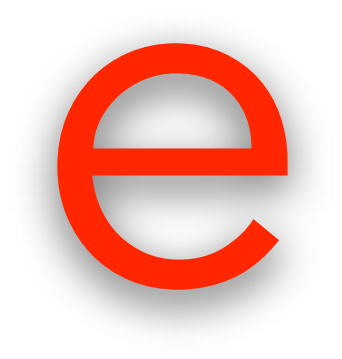


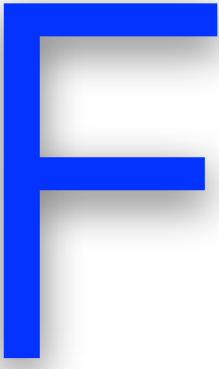










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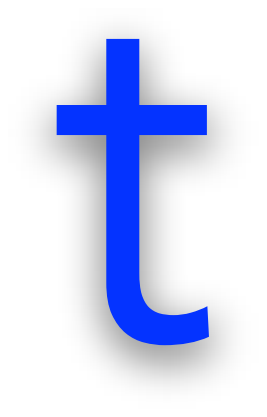
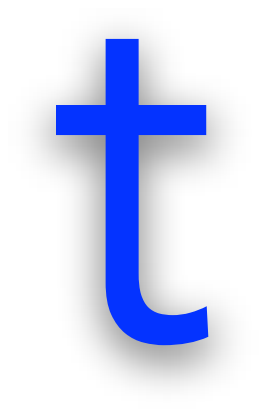
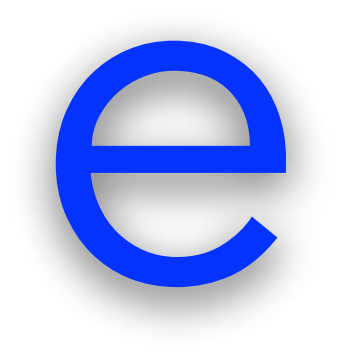
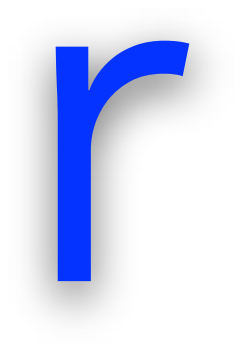
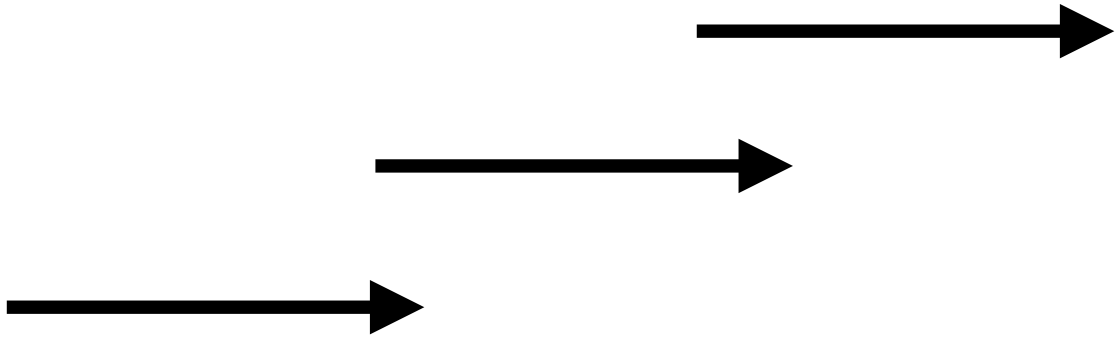










NOT a parallel shift

Slope = 2/10

Steeper

Flatter

$Q^s = -10 + 5P$

Producers sell 10% more at all prices

$Q^s = (-10 + 5P)\ (1.1)$

$Q^s = -\ 10\ (1.1) + 5P\ (1.1)$

$Q^s = -\ 11 + 5.5\ P$

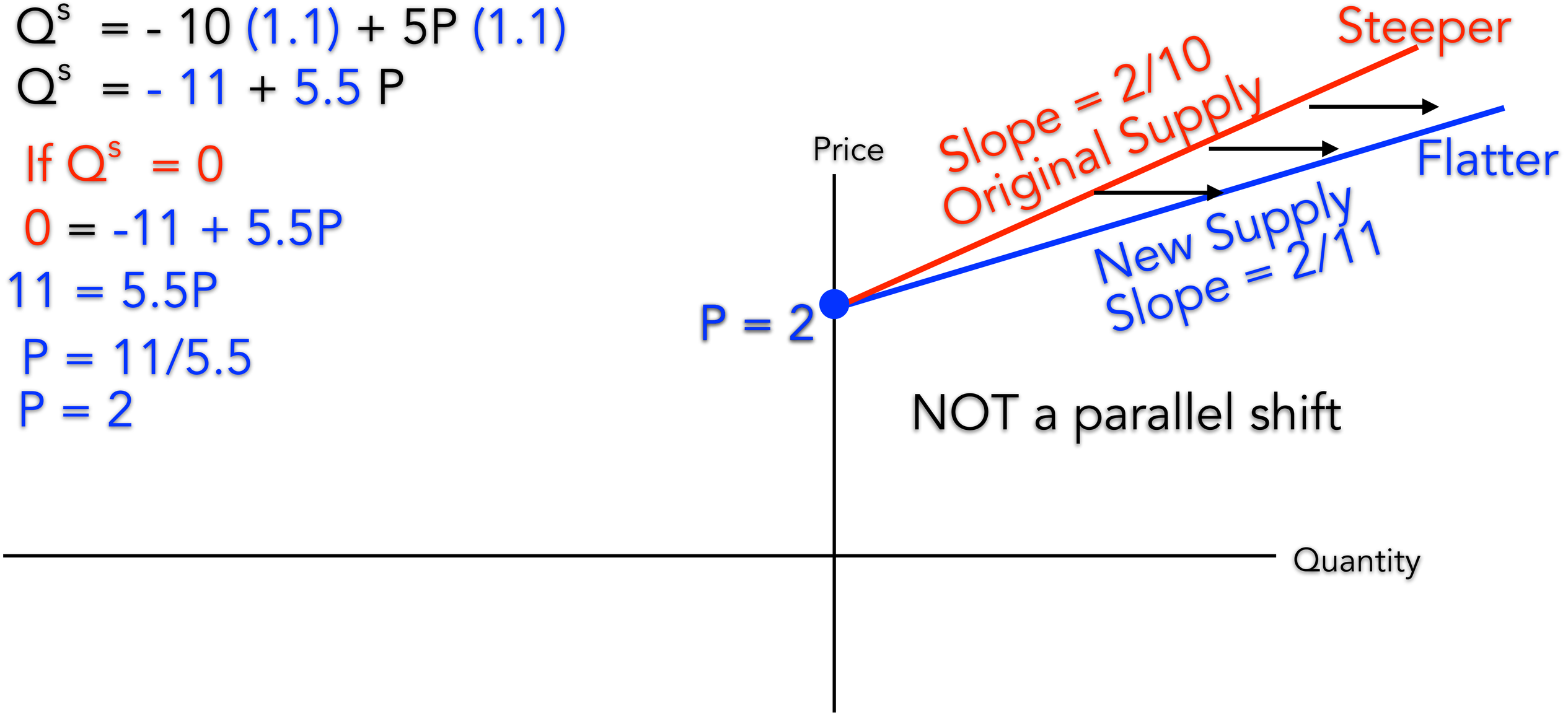
If $Q^s = 0$

$0 = -11 + 5.5P$

$11 = 5.5P$

$P = 11/5.5$

$P = 2$



$Q^s = -10 + 5P$