

# *Графики функций и их свойства*

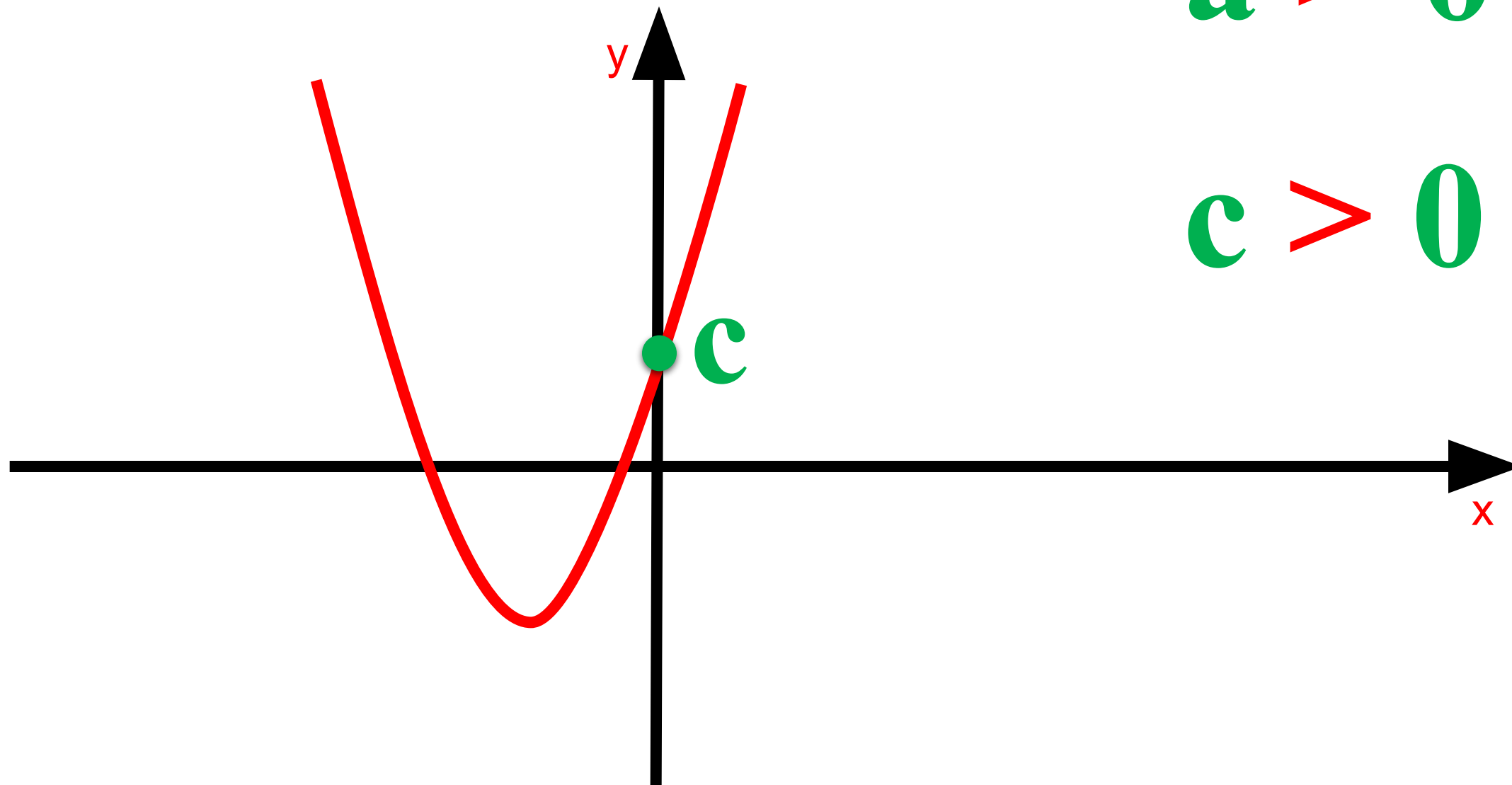


*Примеры для  
закрепления материала*

$$y = ax^2 + bx + c$$

$$a > 0$$

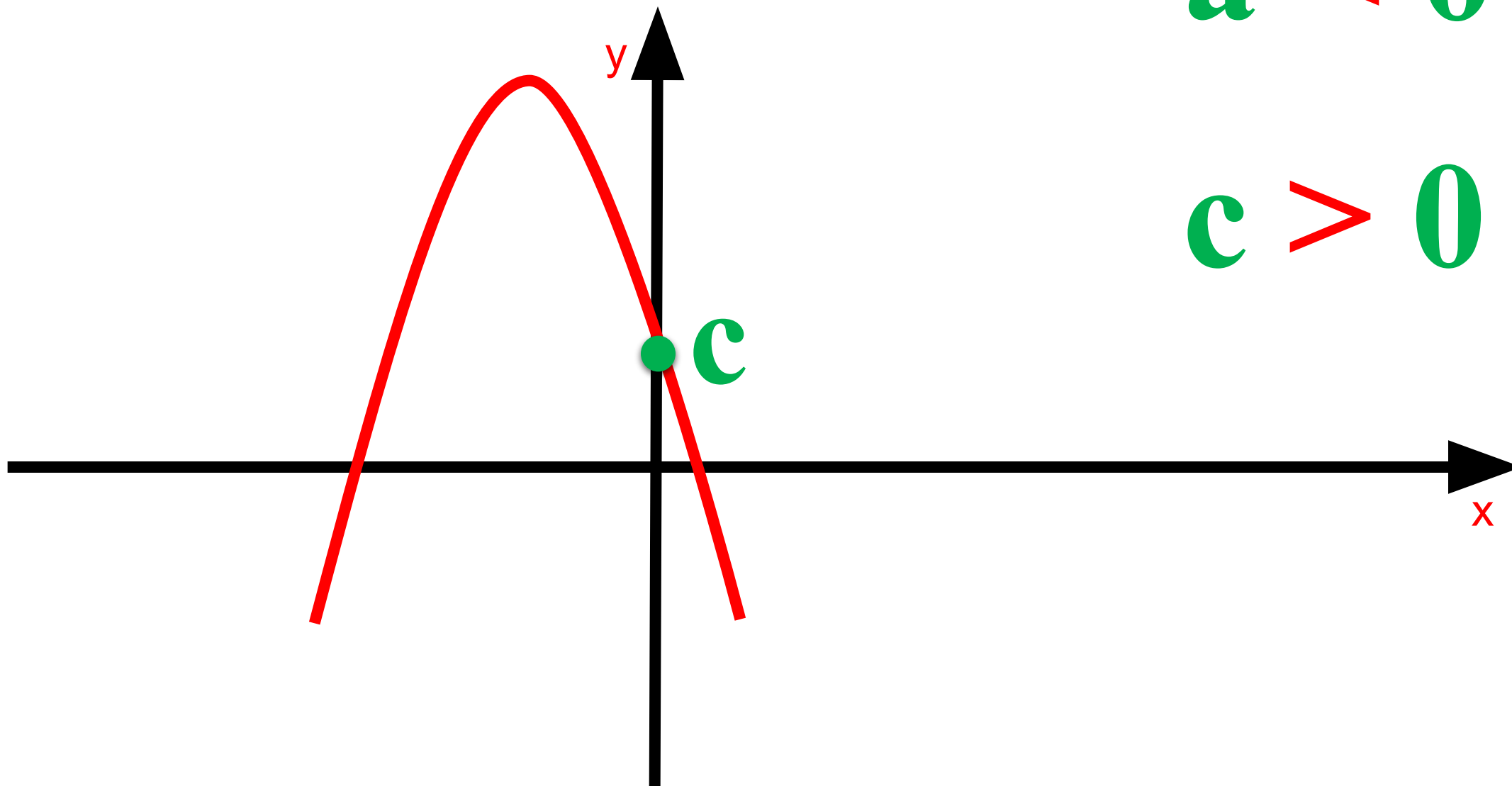
$$c > 0$$



$$y = ax^2 + bx + c$$

$$a < 0$$

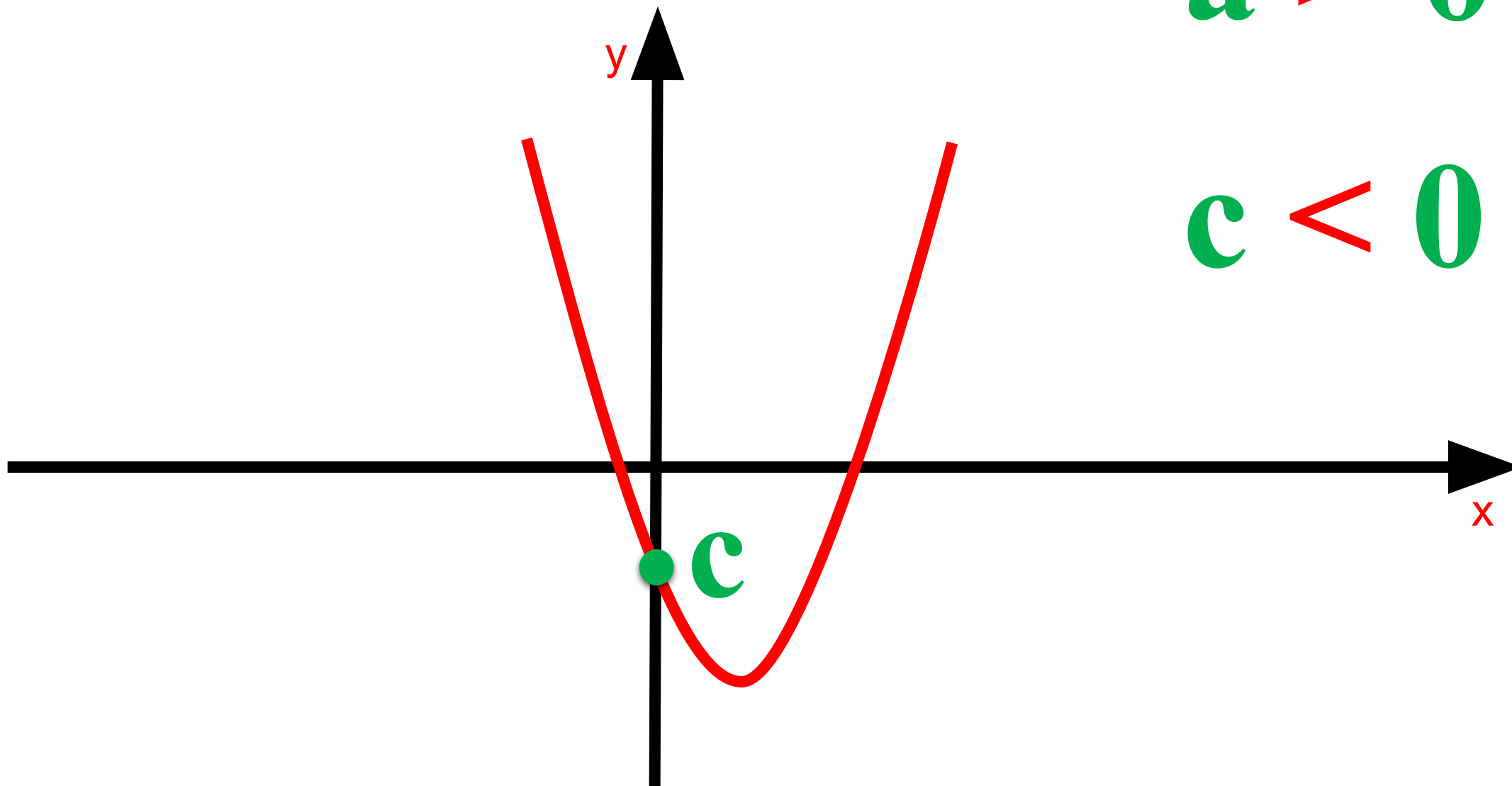
$$c > 0$$



$$y = ax^2 + bx + c$$

$$a > 0$$

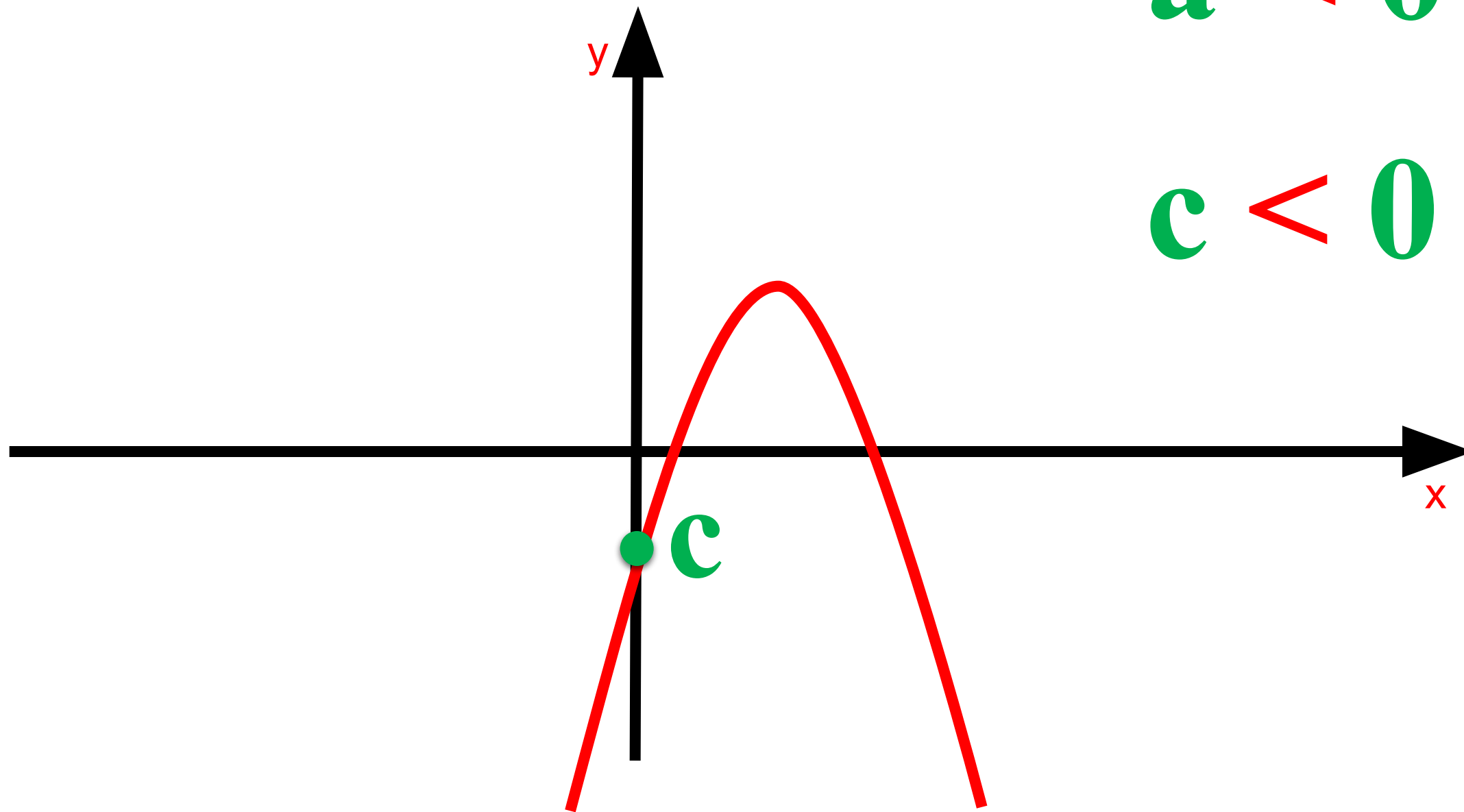
$$c < 0$$



$$y = ax^2 + bx + c$$

$$a < 0$$

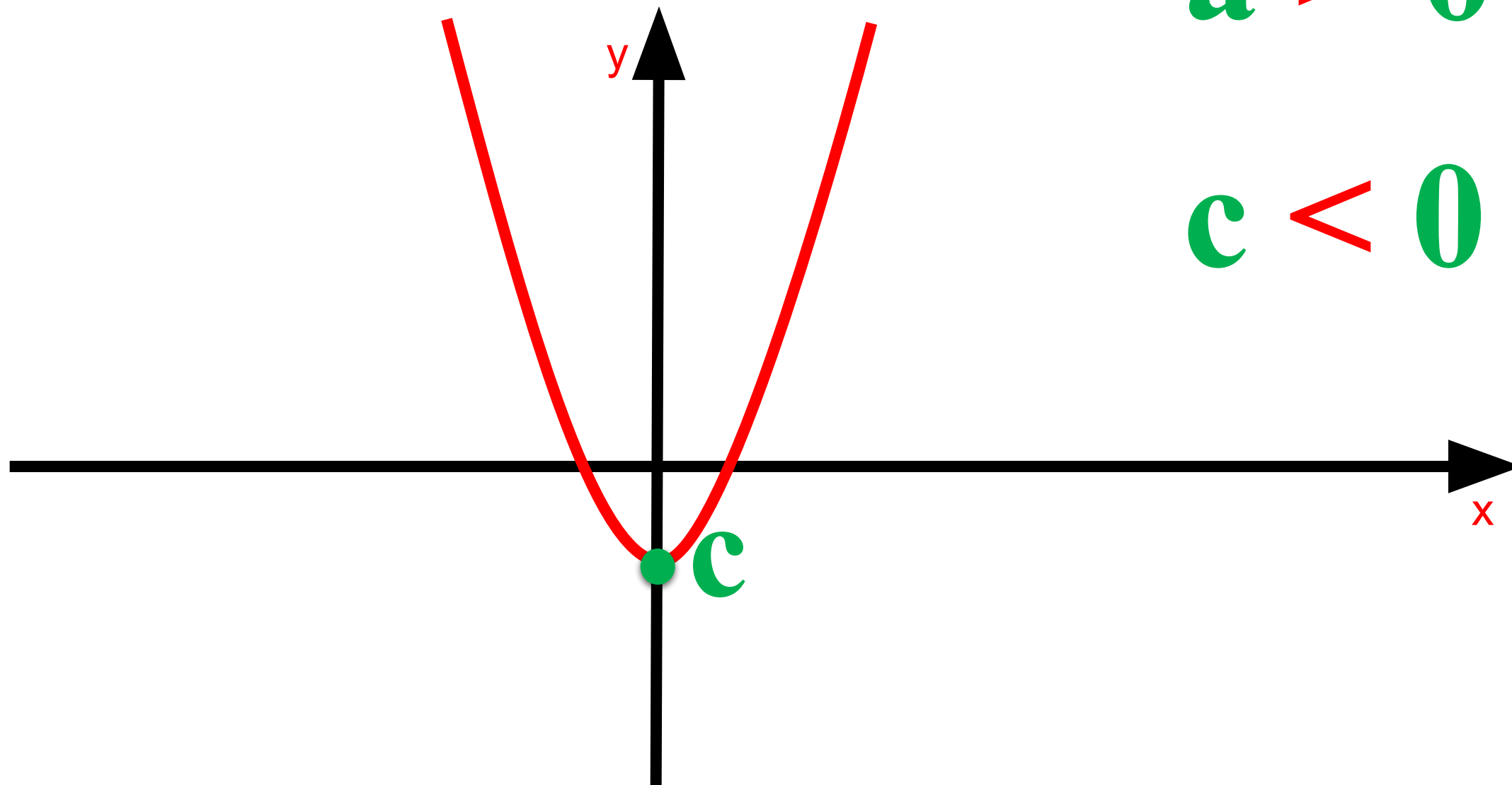
$$c < 0$$



$$y = ax^2 + bx + c$$

$$a > 0$$

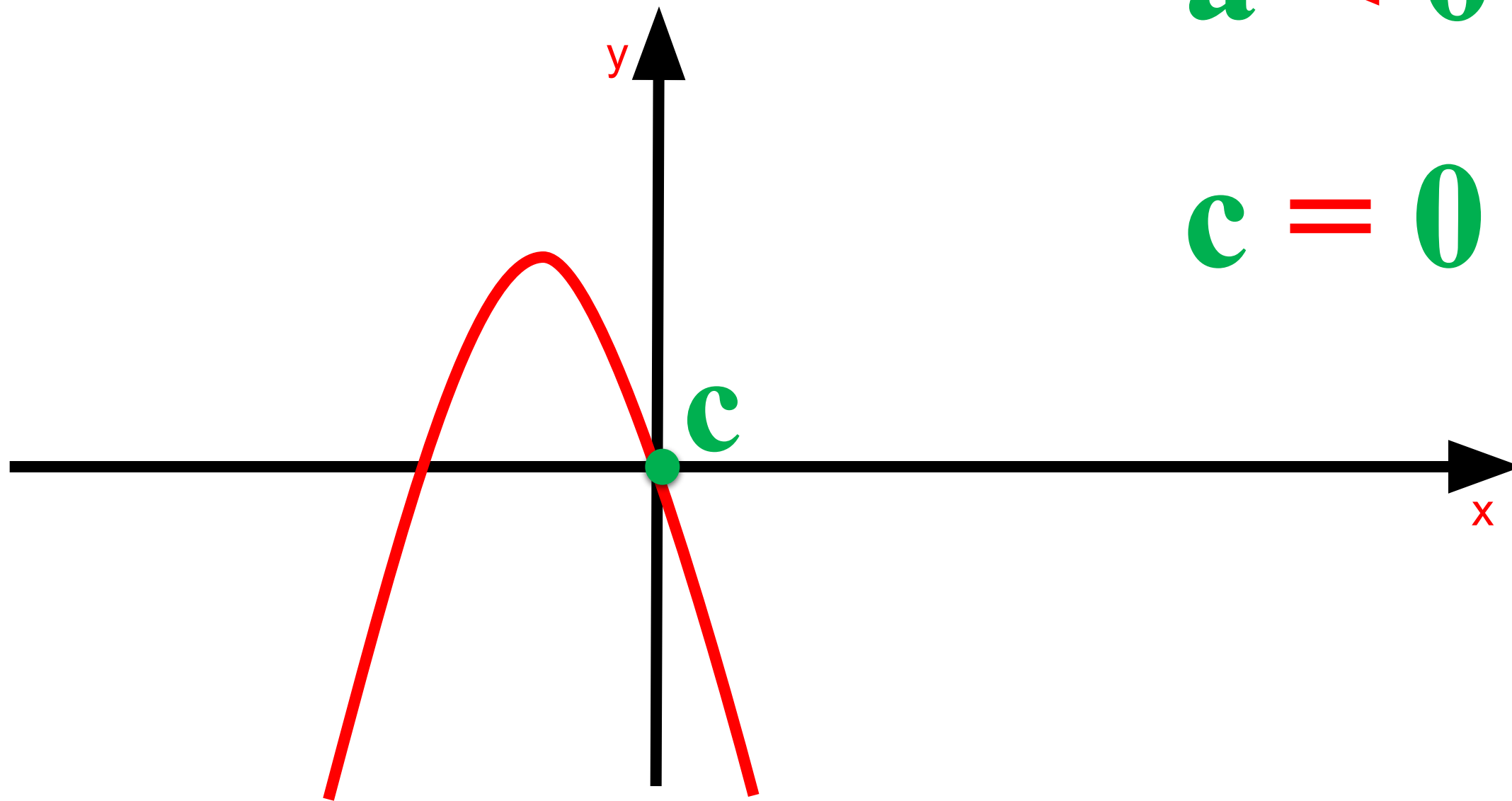
$$c < 0$$



$$y = ax^2 + bx + c$$

$$a < 0$$

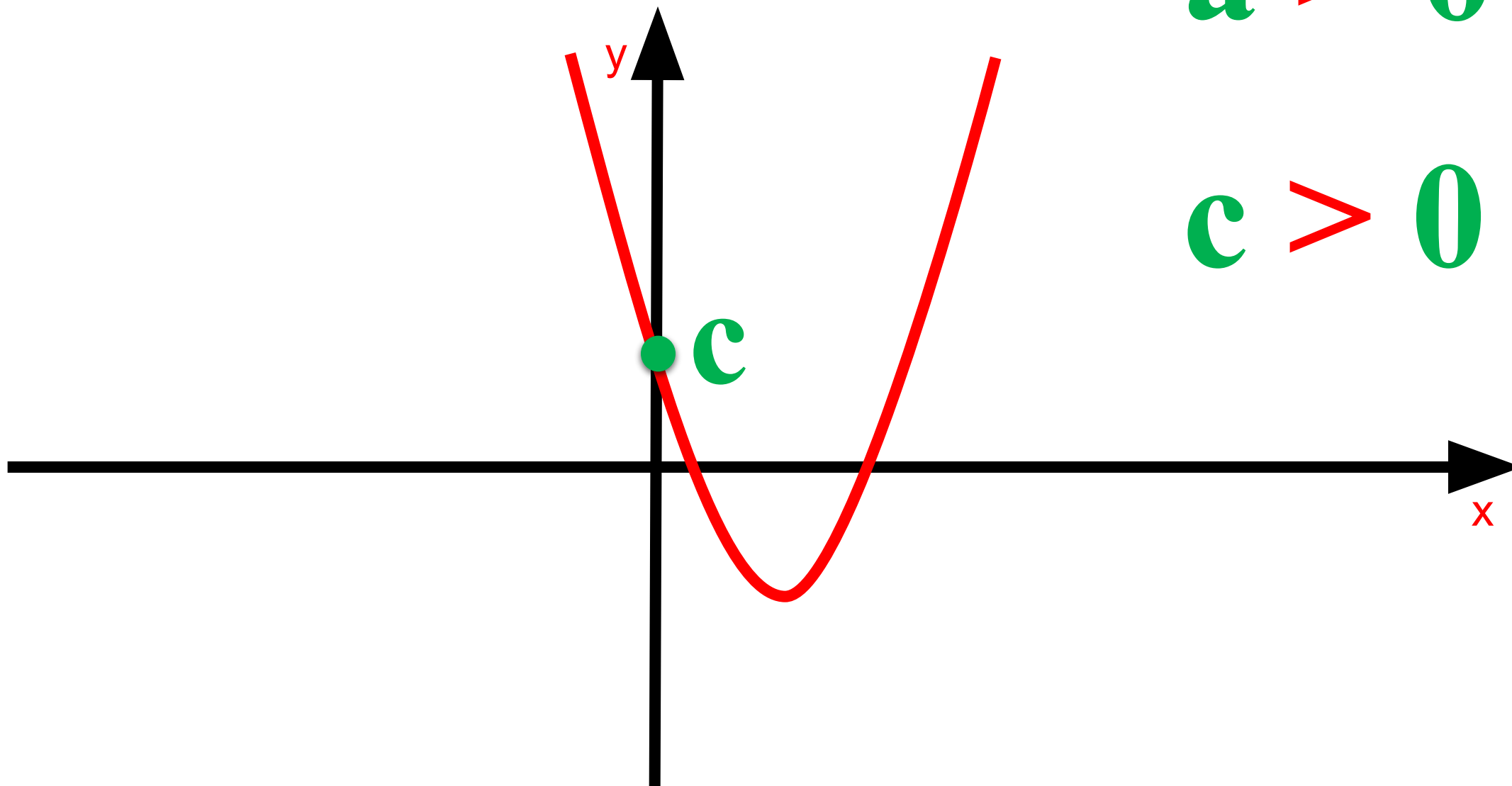
$$c = 0$$



$$y = ax^2 + bx + c$$

$$a > 0$$

$$c > 0$$

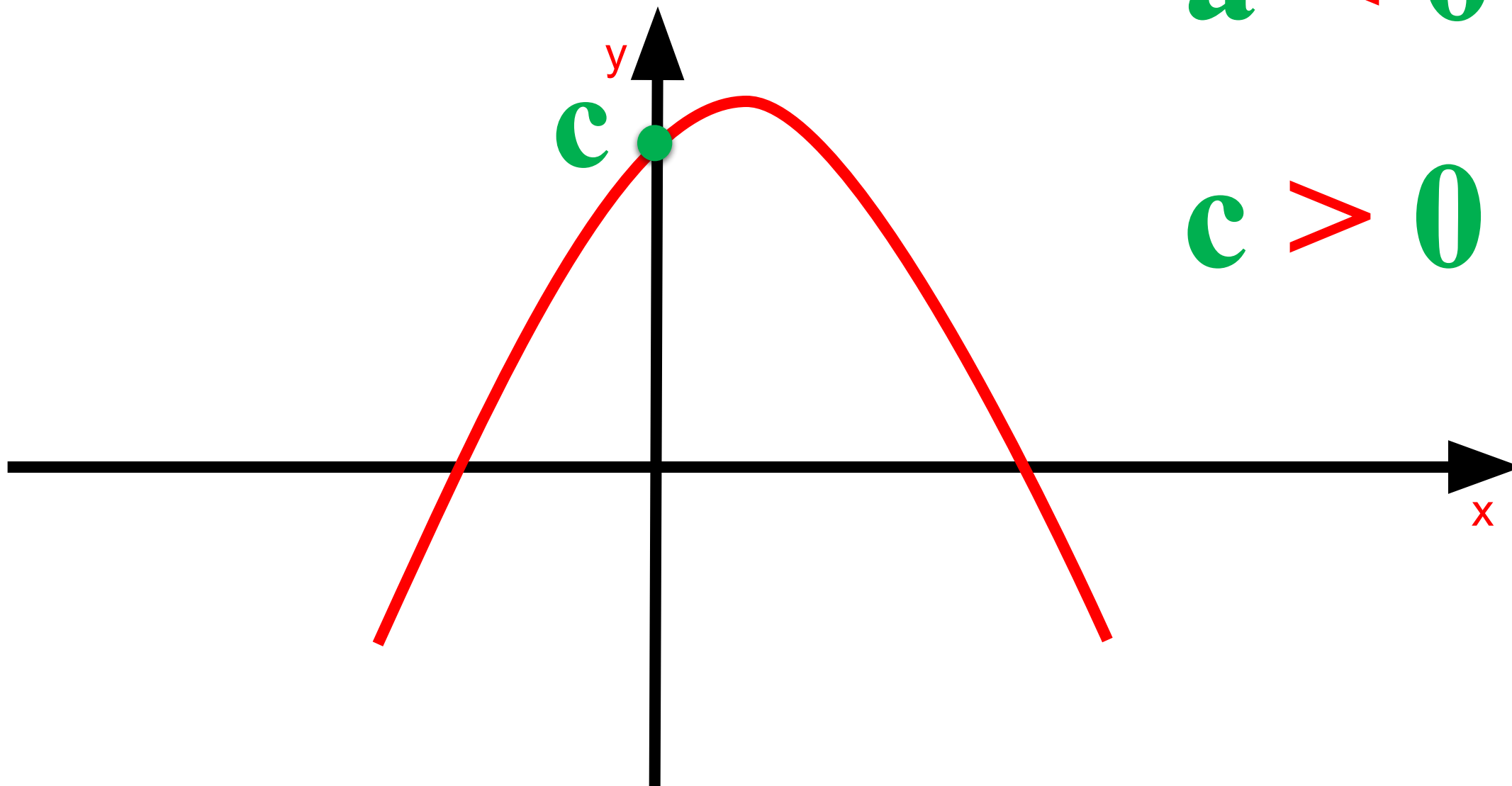




$$y = ax^2 + bx + c$$

$$a < 0$$

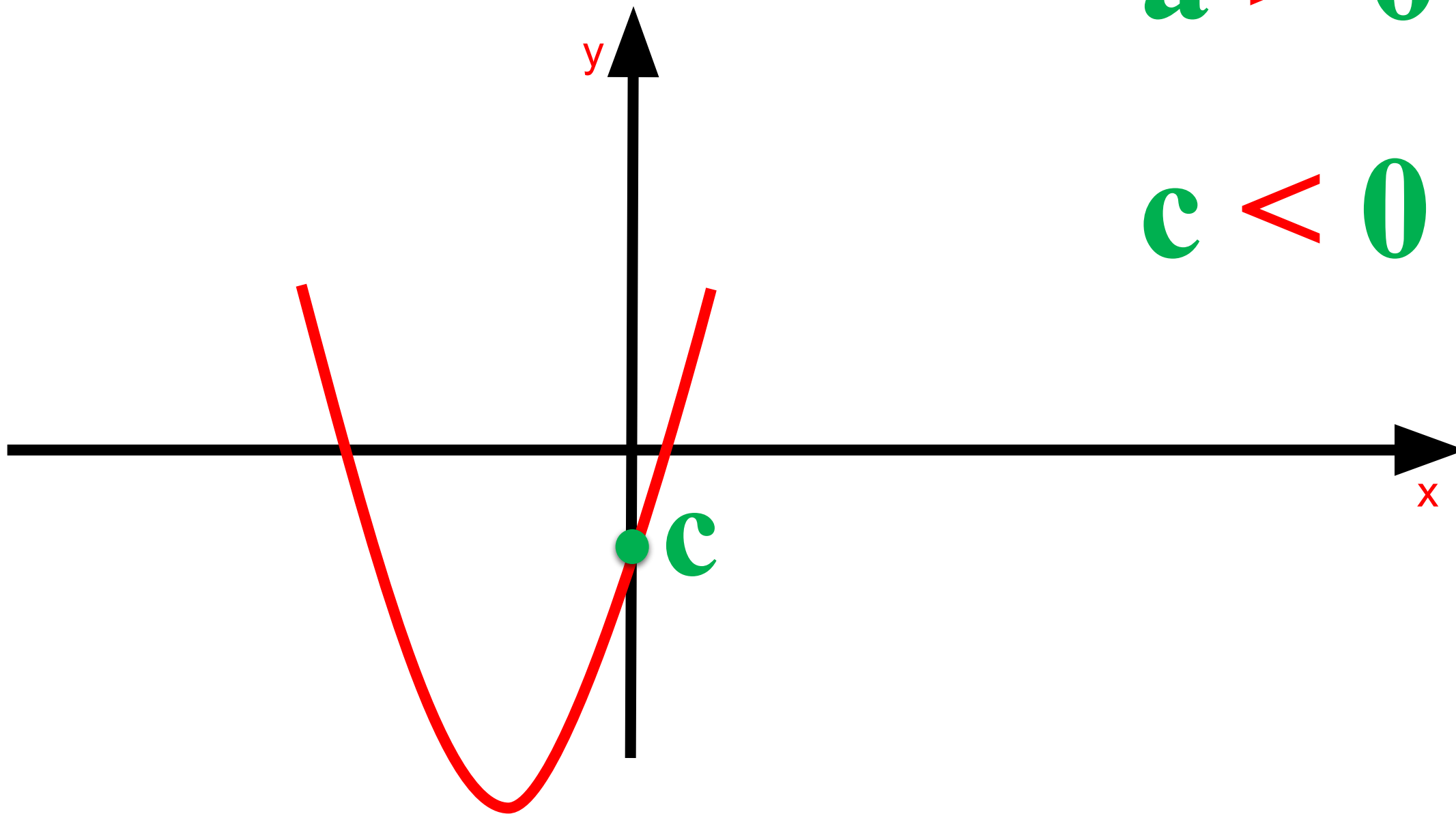
$$c > 0$$



$$y = ax^2 + bx + c$$

$$a > 0$$

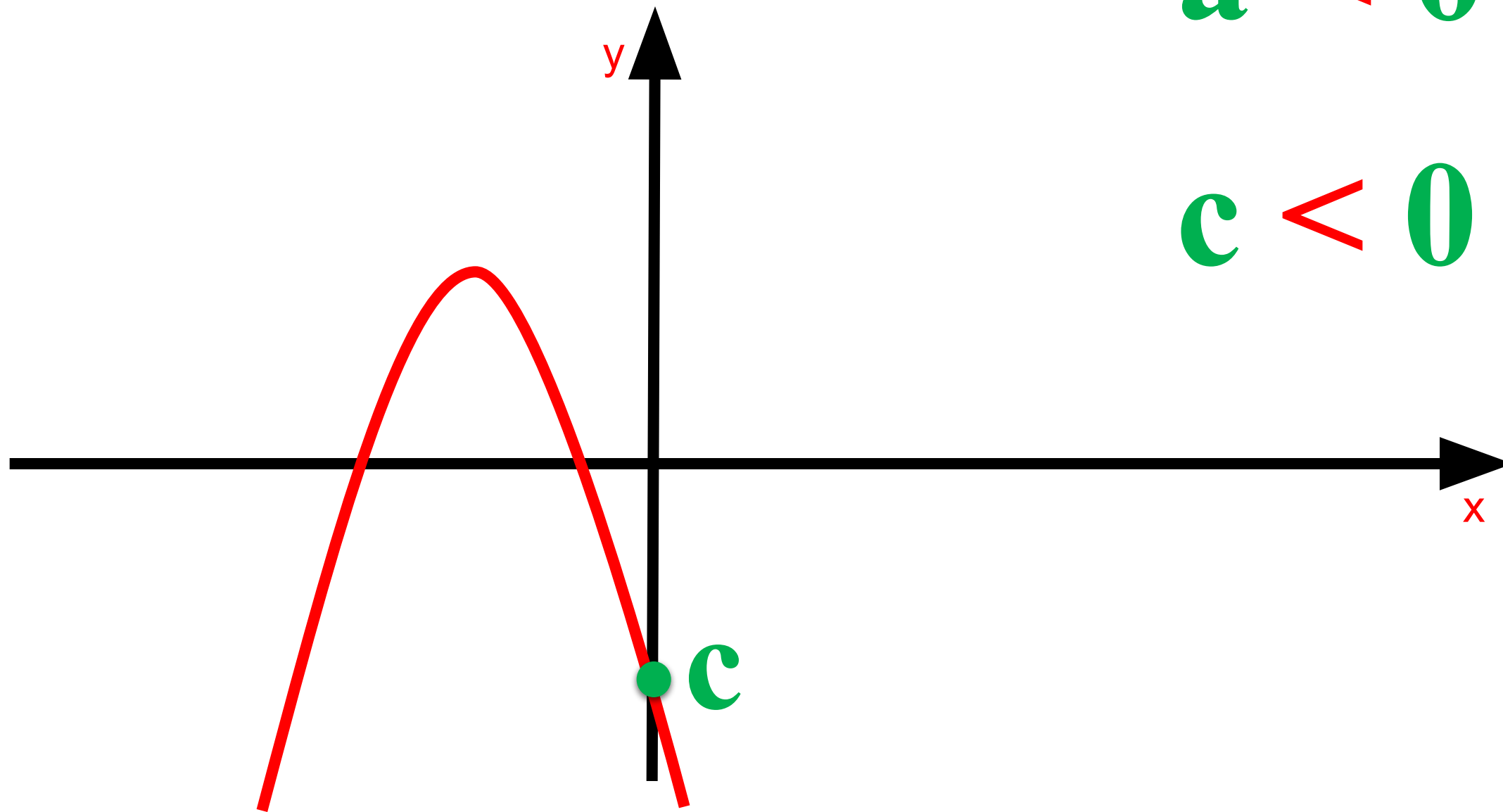
$$c < 0$$



$$y = ax^2 + bx + c$$

$$a < 0$$

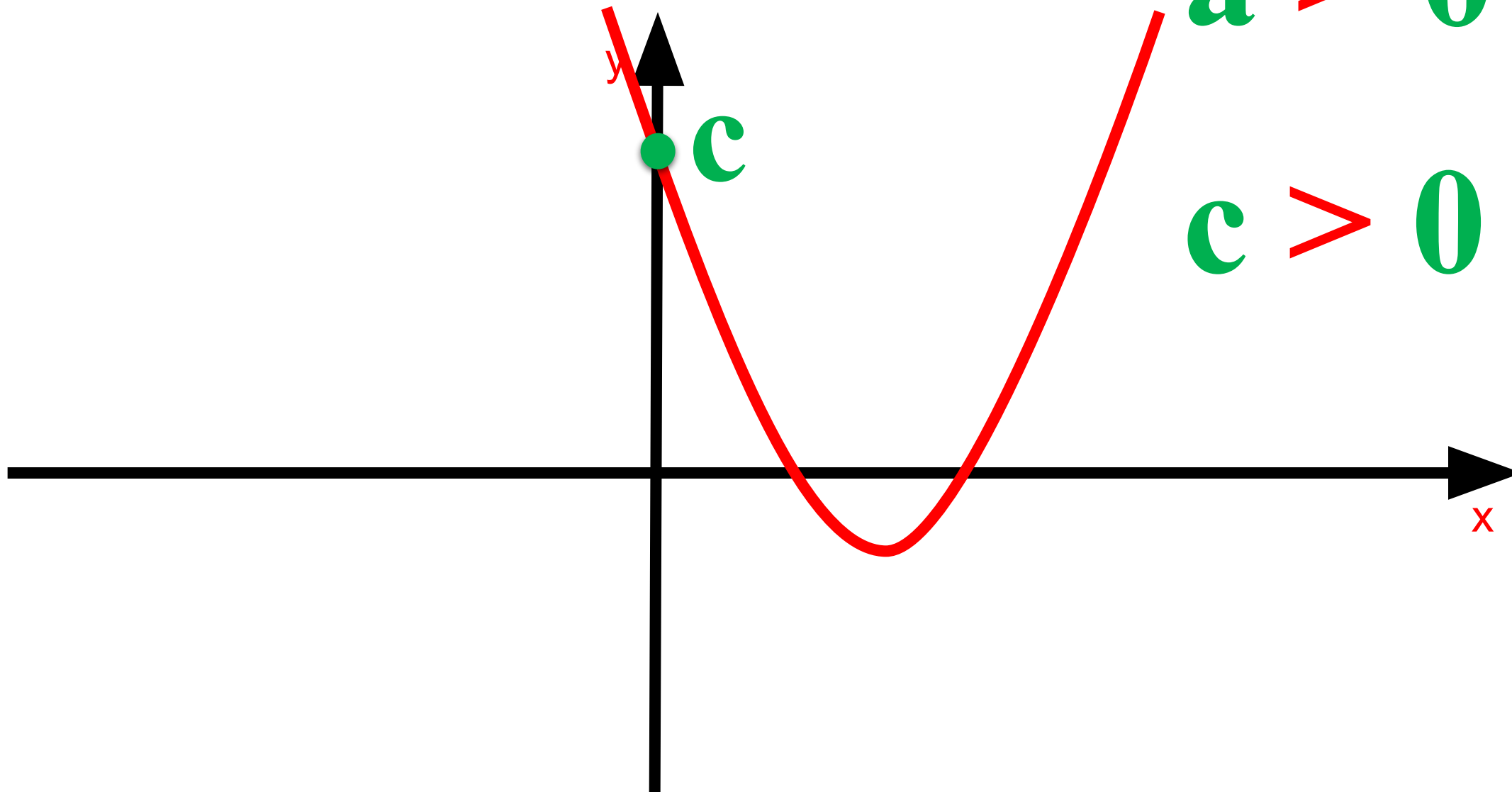
$$c < 0$$



$$y = ax^2 + bx + c$$

$$a > 0$$

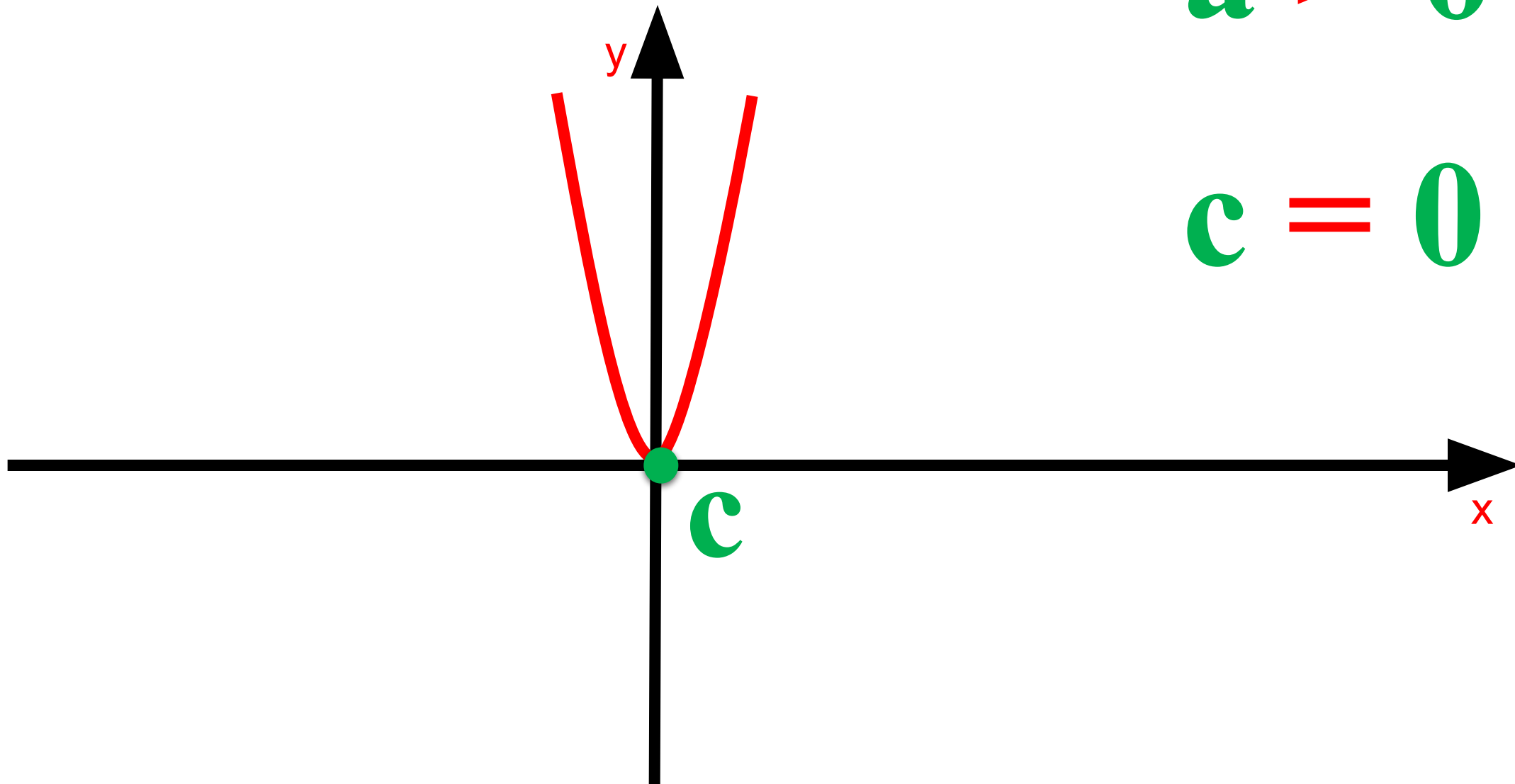
$$c > 0$$



$$y = ax^2 + bx + c$$

$$a > 0$$

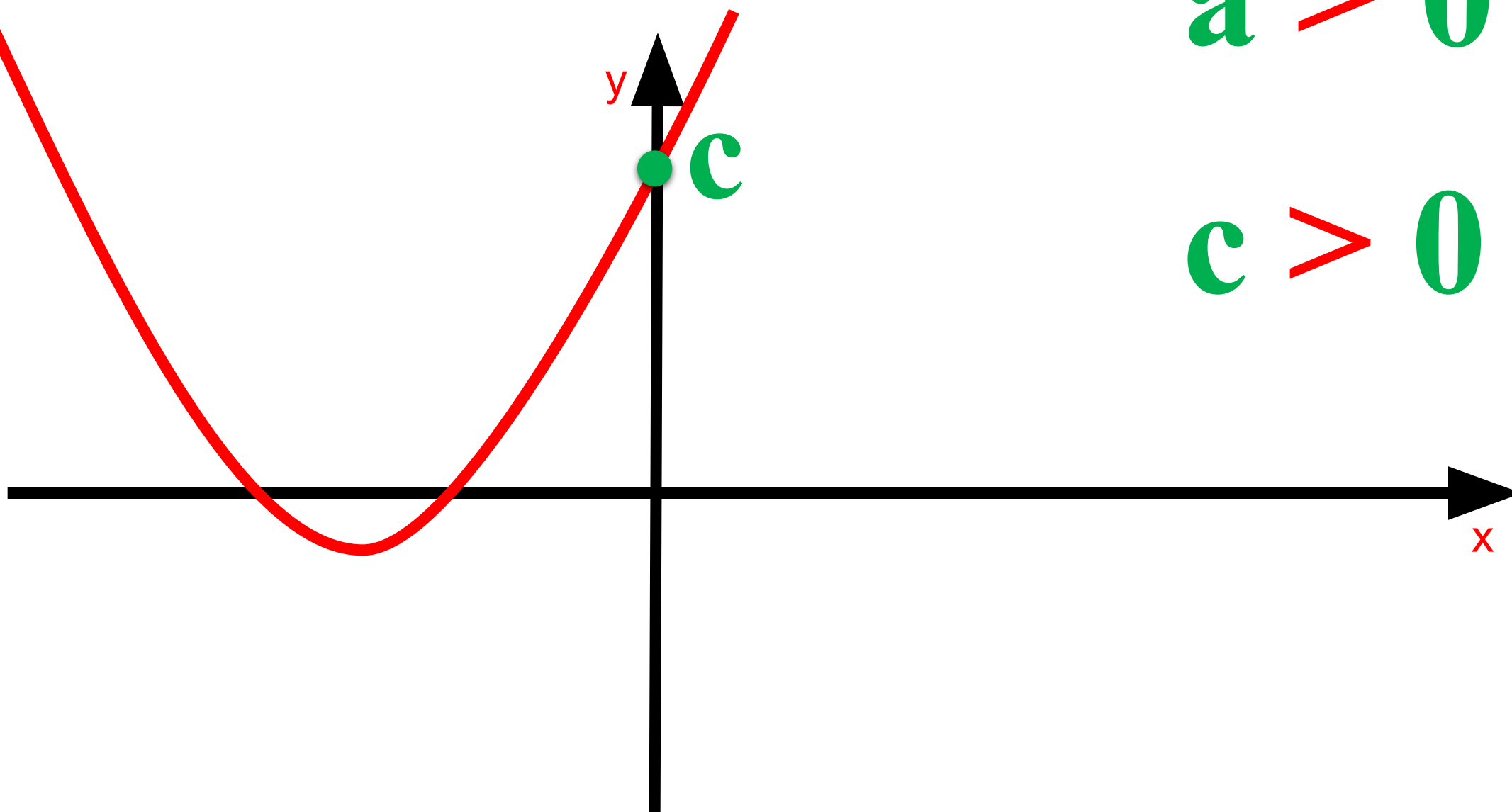
$$c = 0$$



$$y = ax^2 + bx + c$$

$$a > 0$$

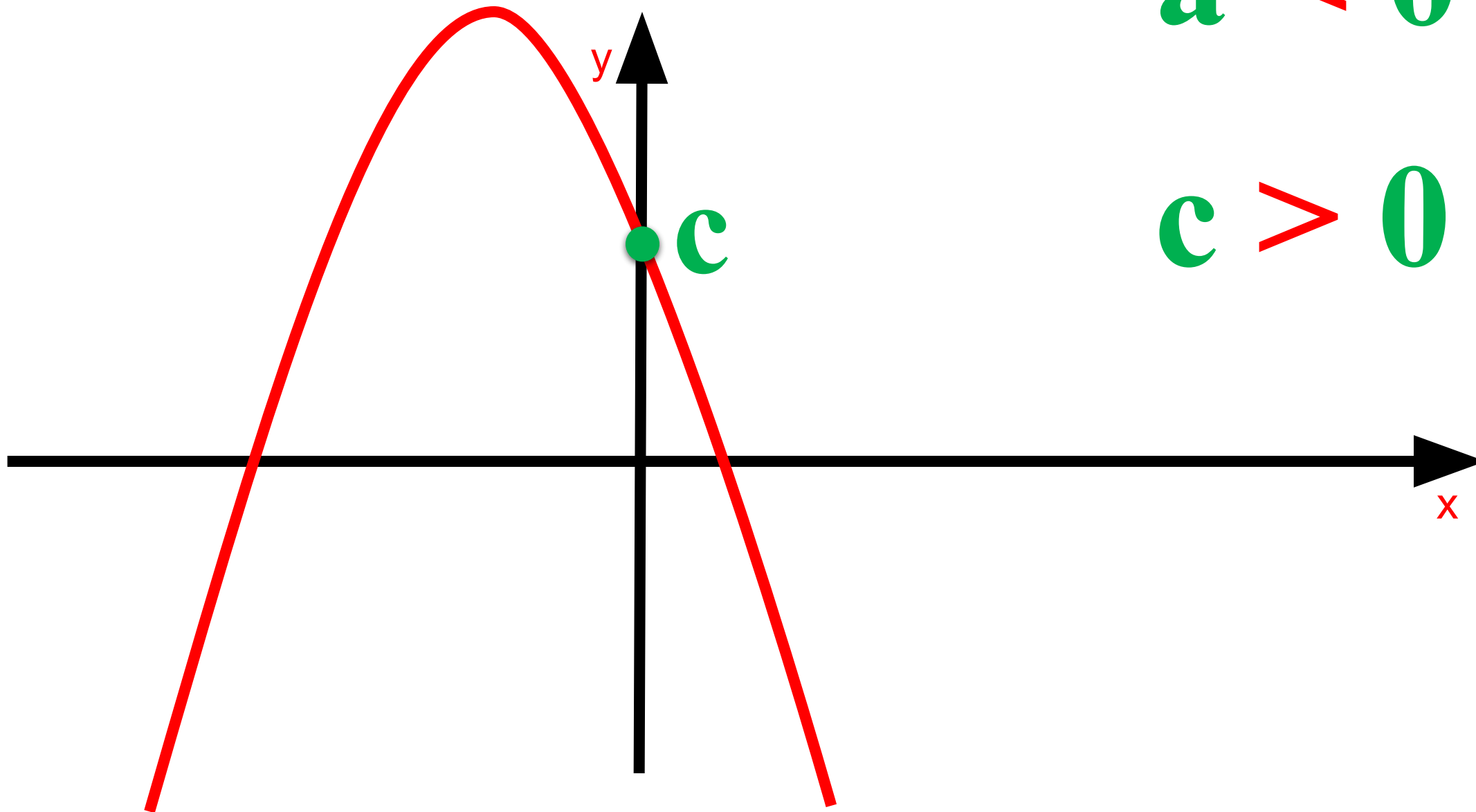
$$c > 0$$



$$y = ax^2 + bx + c$$

$$a < 0$$

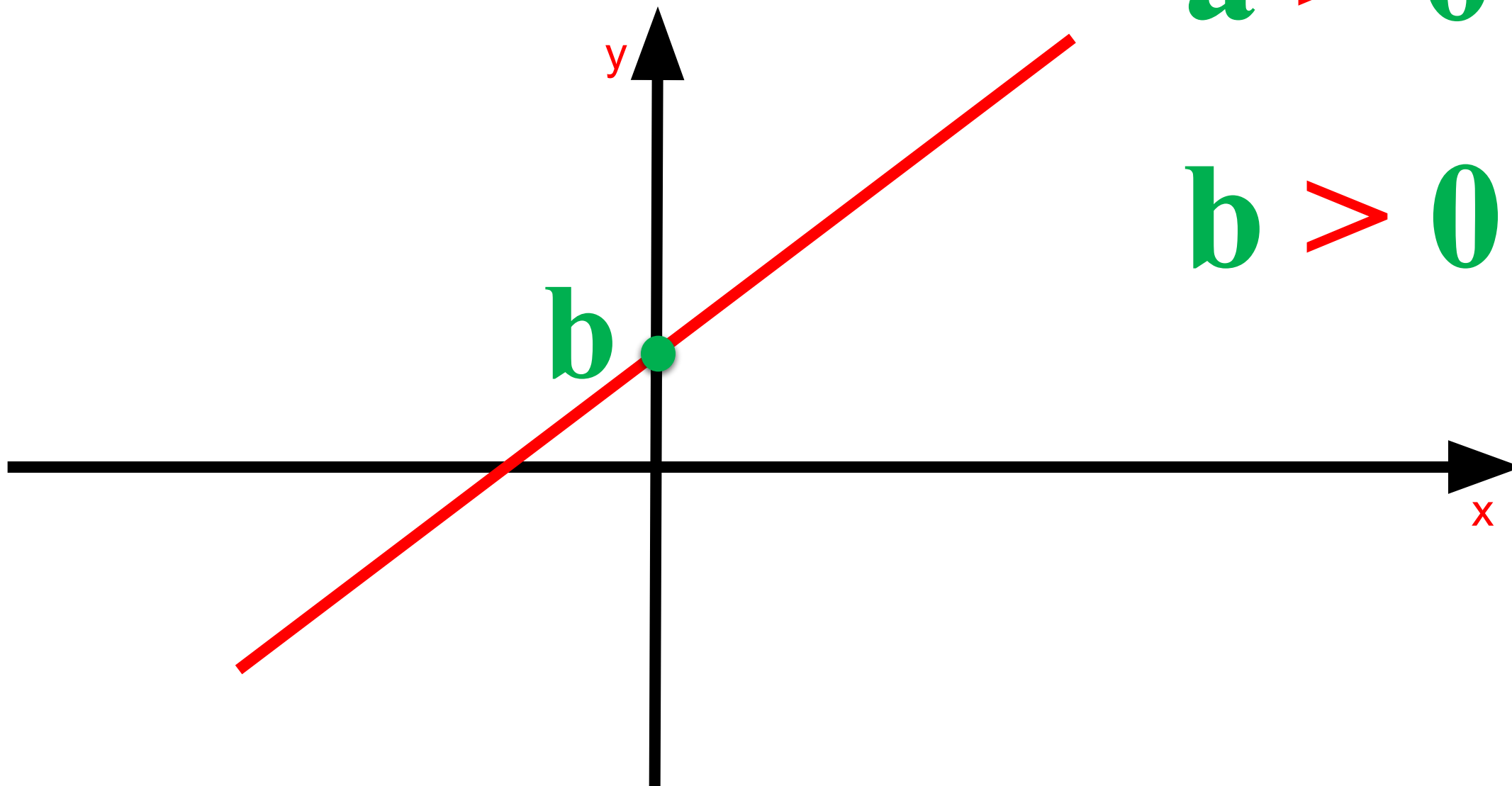
$$c > 0$$



$$y = ax + b$$

$$a > 0$$

$$b > 0$$

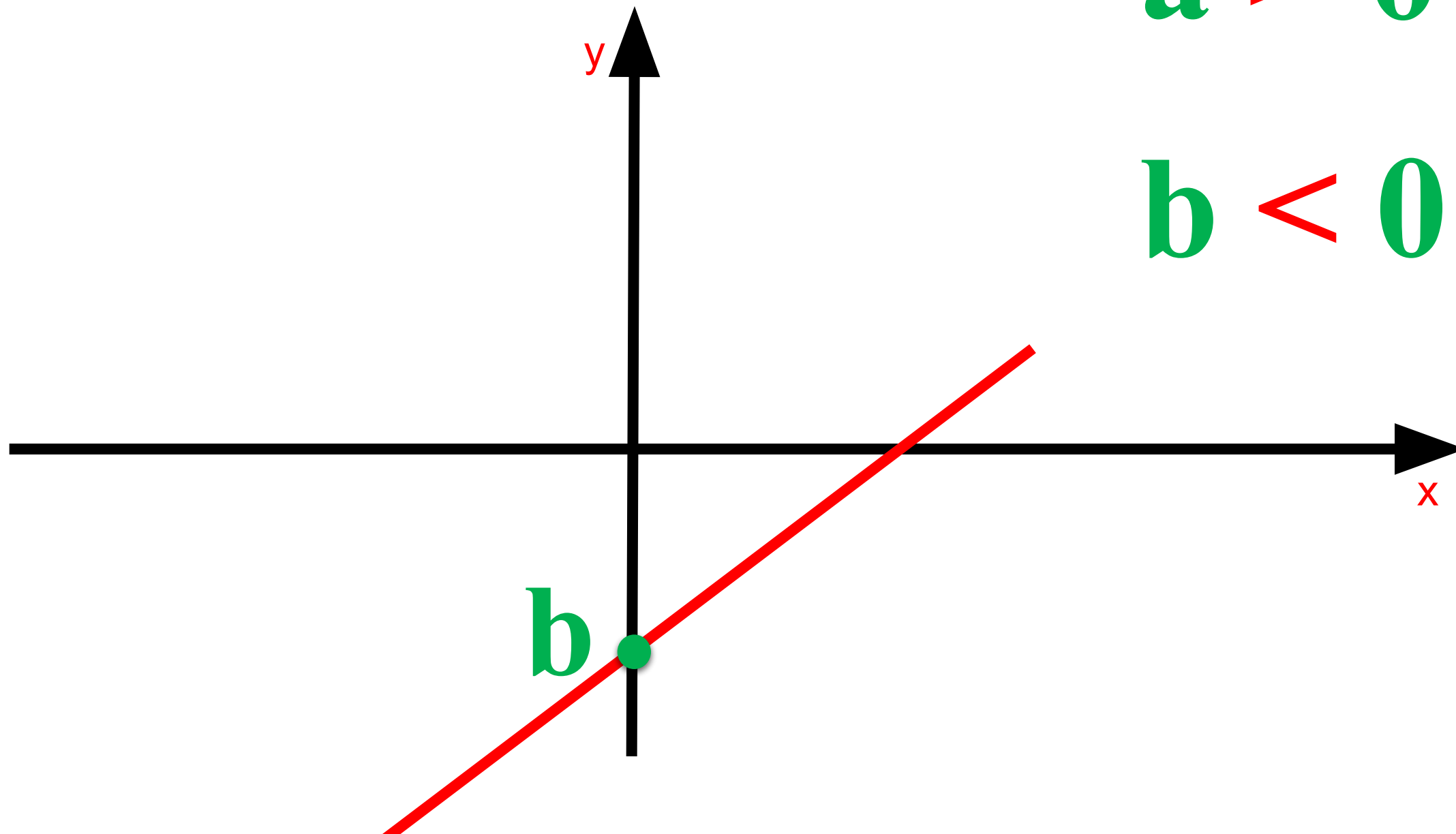




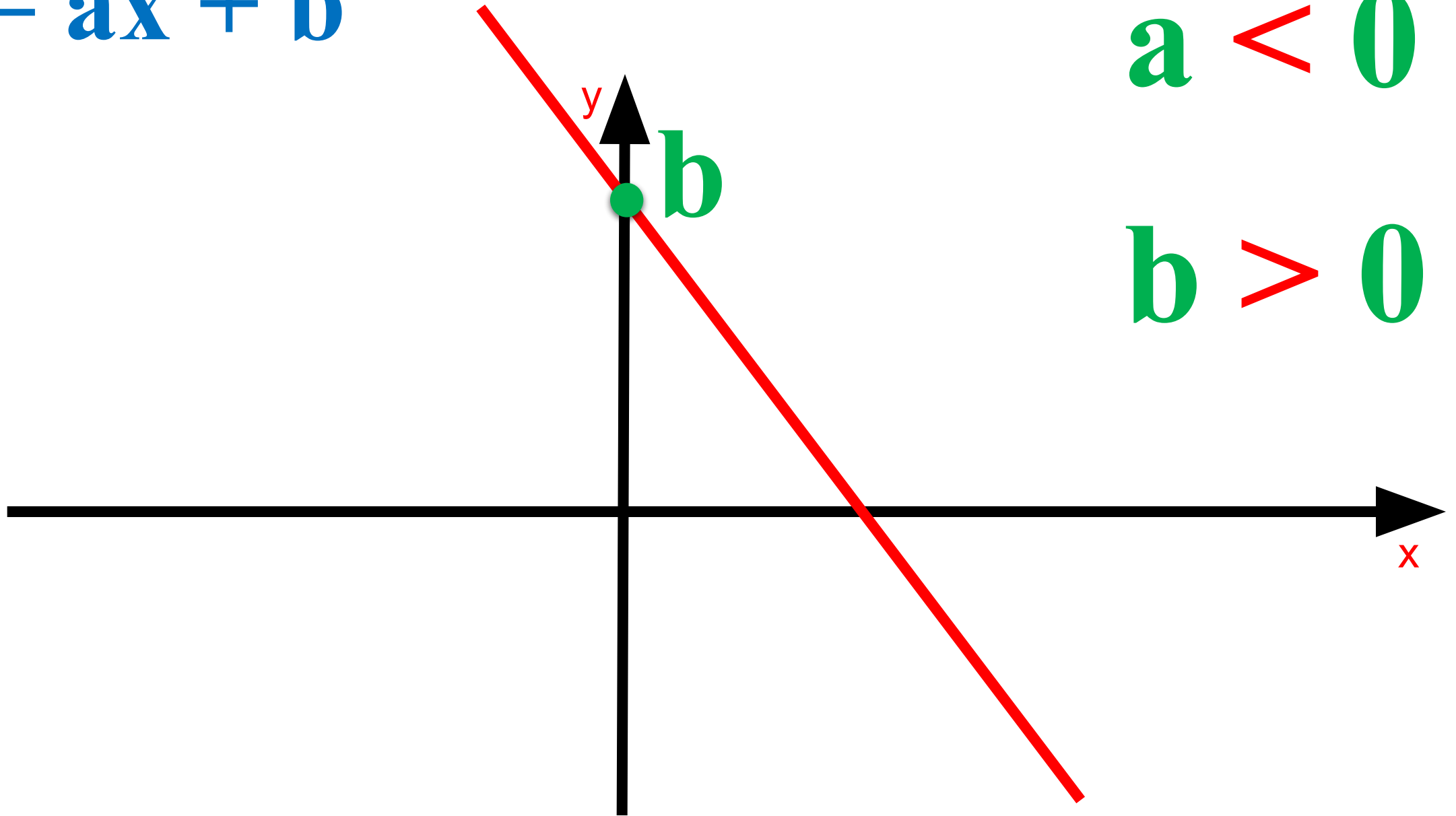
$$y = ax + b$$

$$a > 0$$

$$b < 0$$



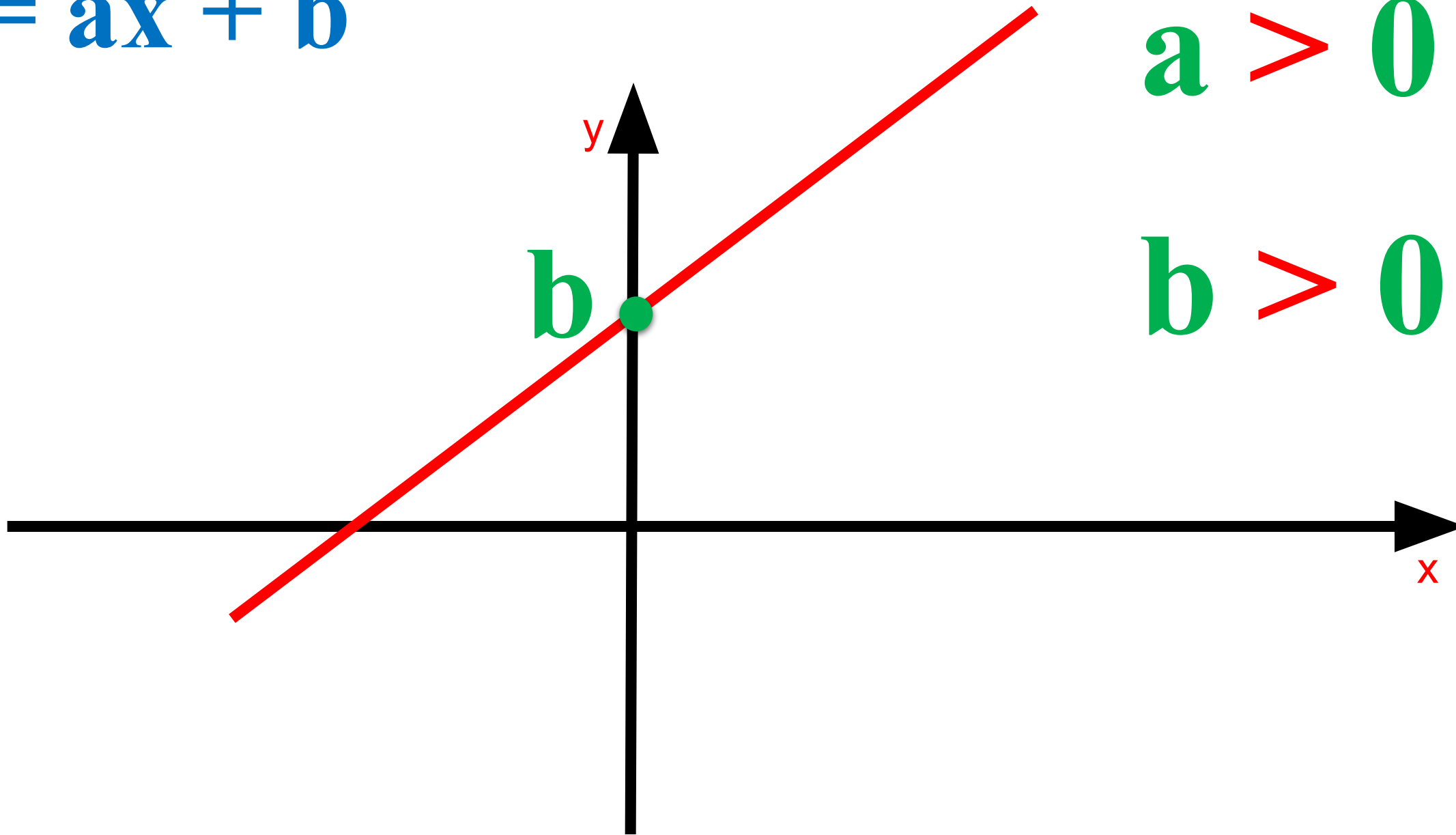
$$y = ax + b$$



$$a < 0$$

$$b > 0$$

$$y = ax + b$$



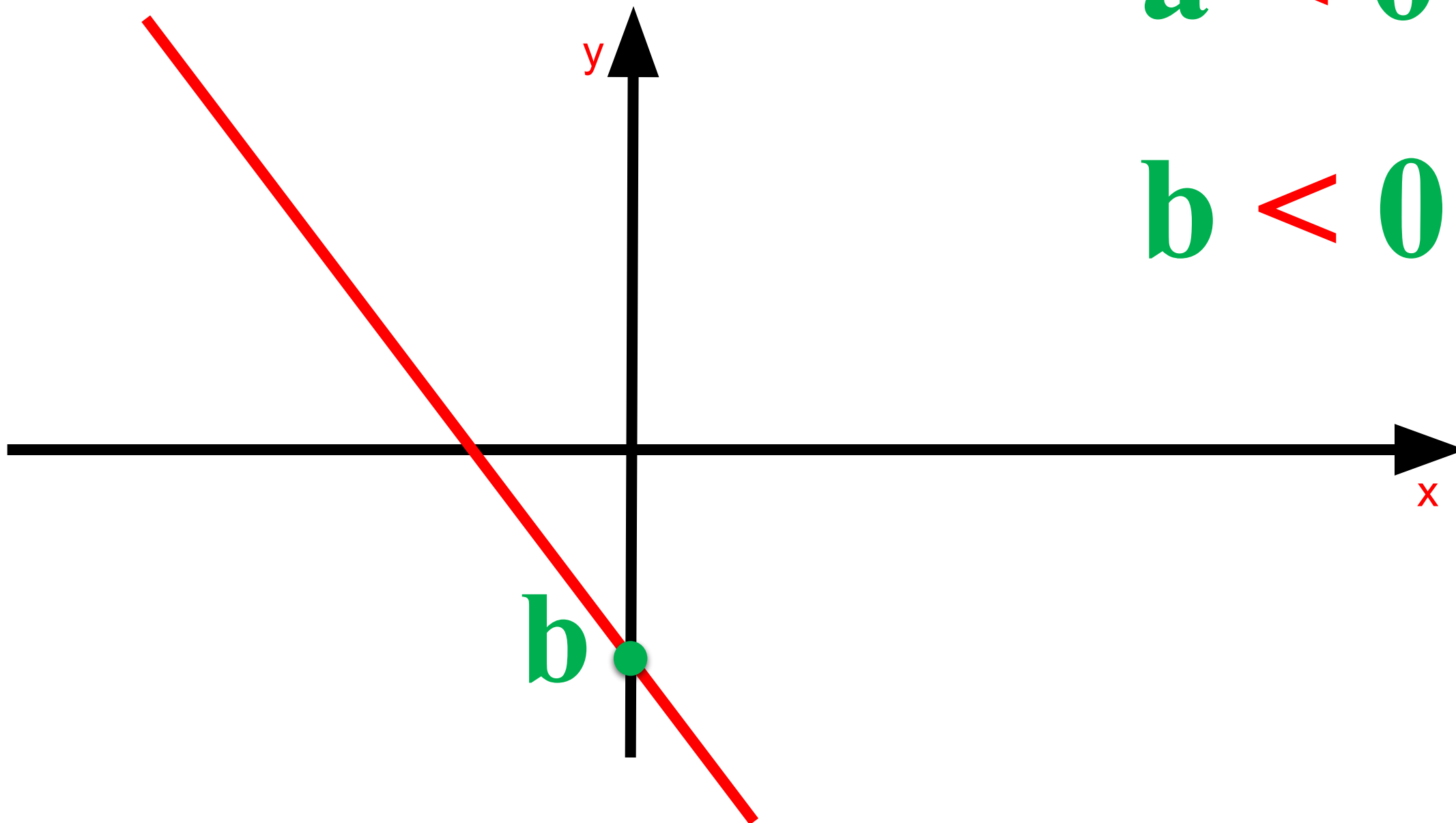
$$a > 0$$

$$b > 0$$

$$y = ax + b$$

$$a < 0$$

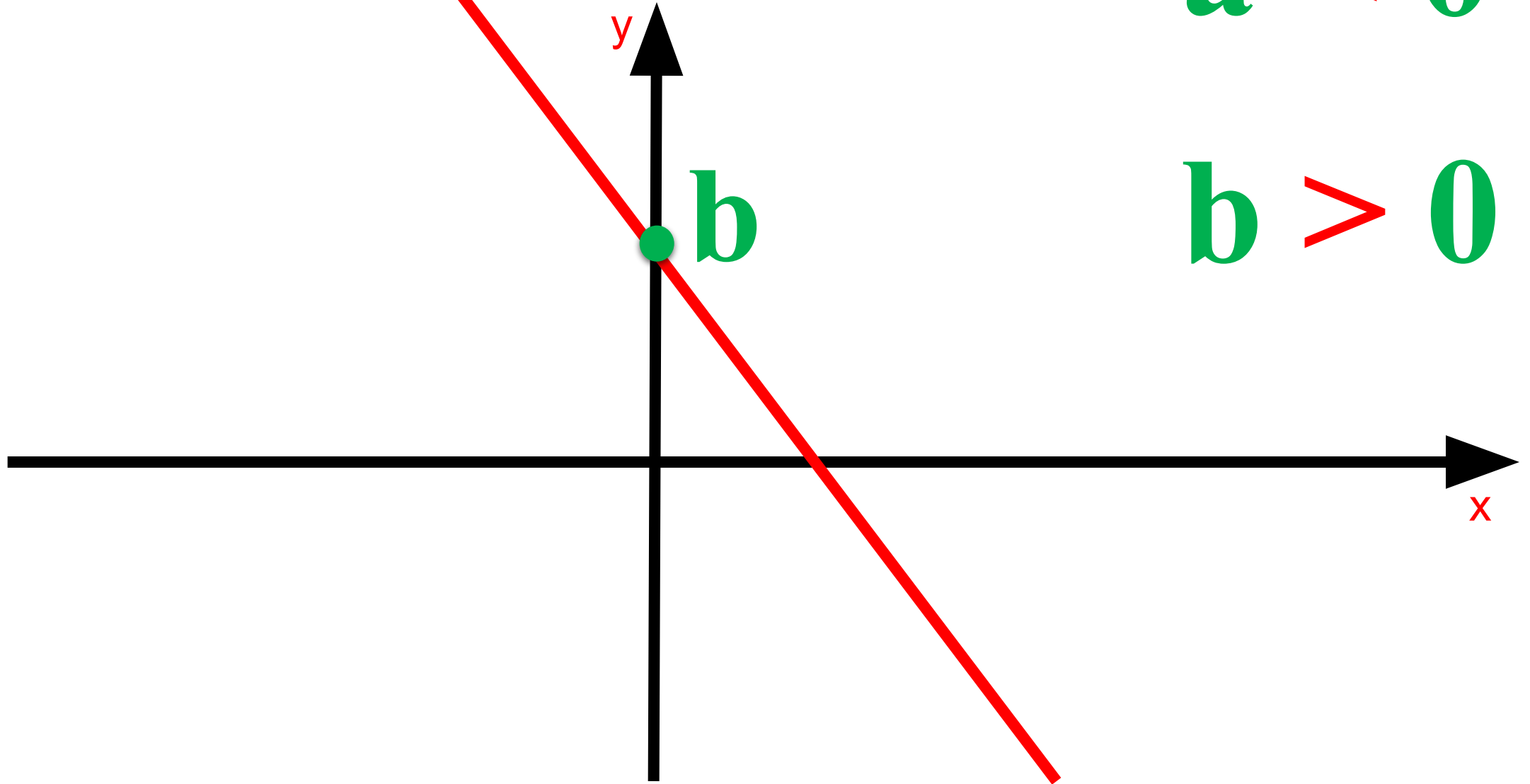
$$b < 0$$



$$y = ax + b$$

$$a < 0$$

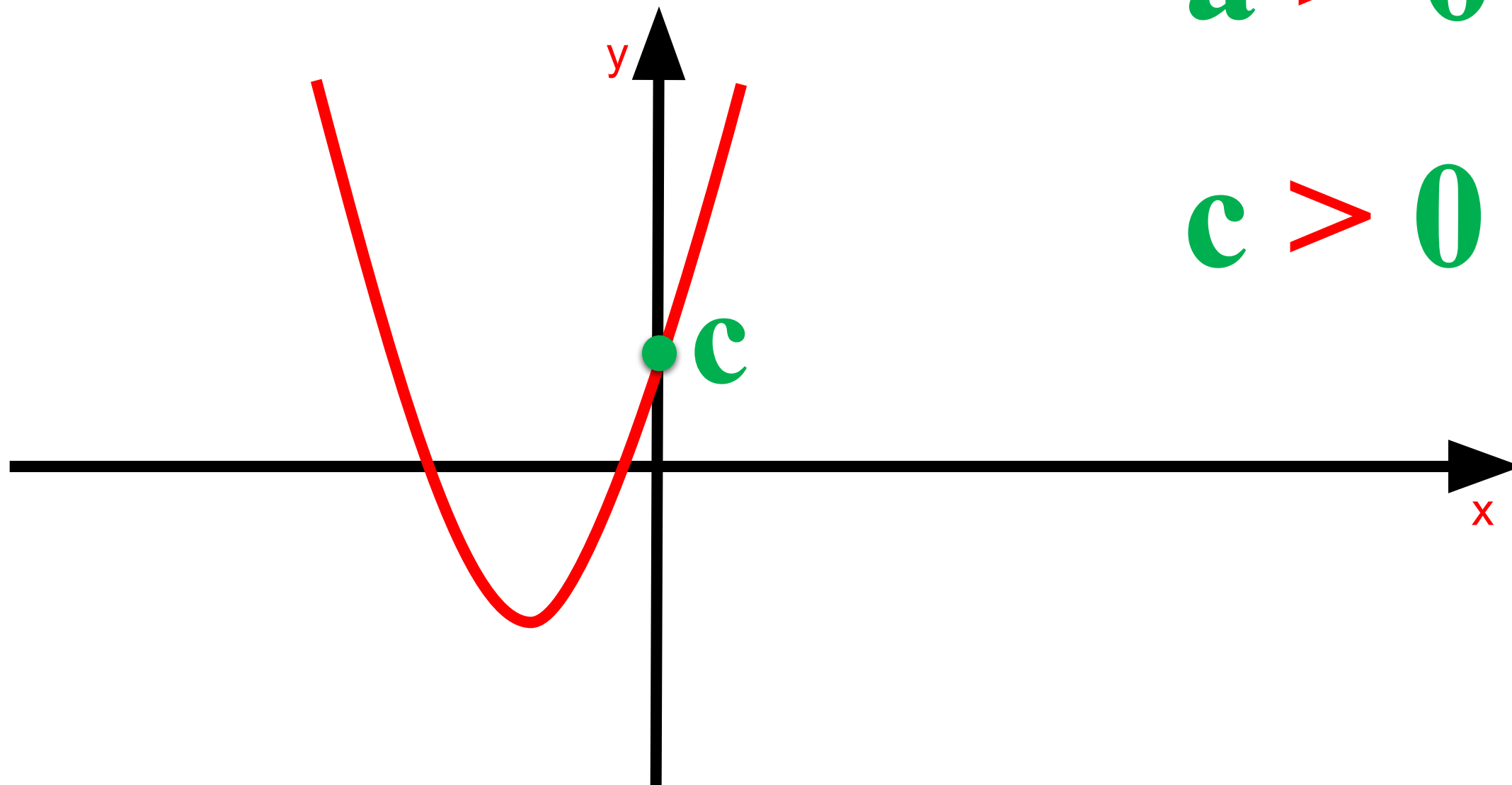
$$b > 0$$



$$y = ax^2 + bx + c$$

$$a > 0$$

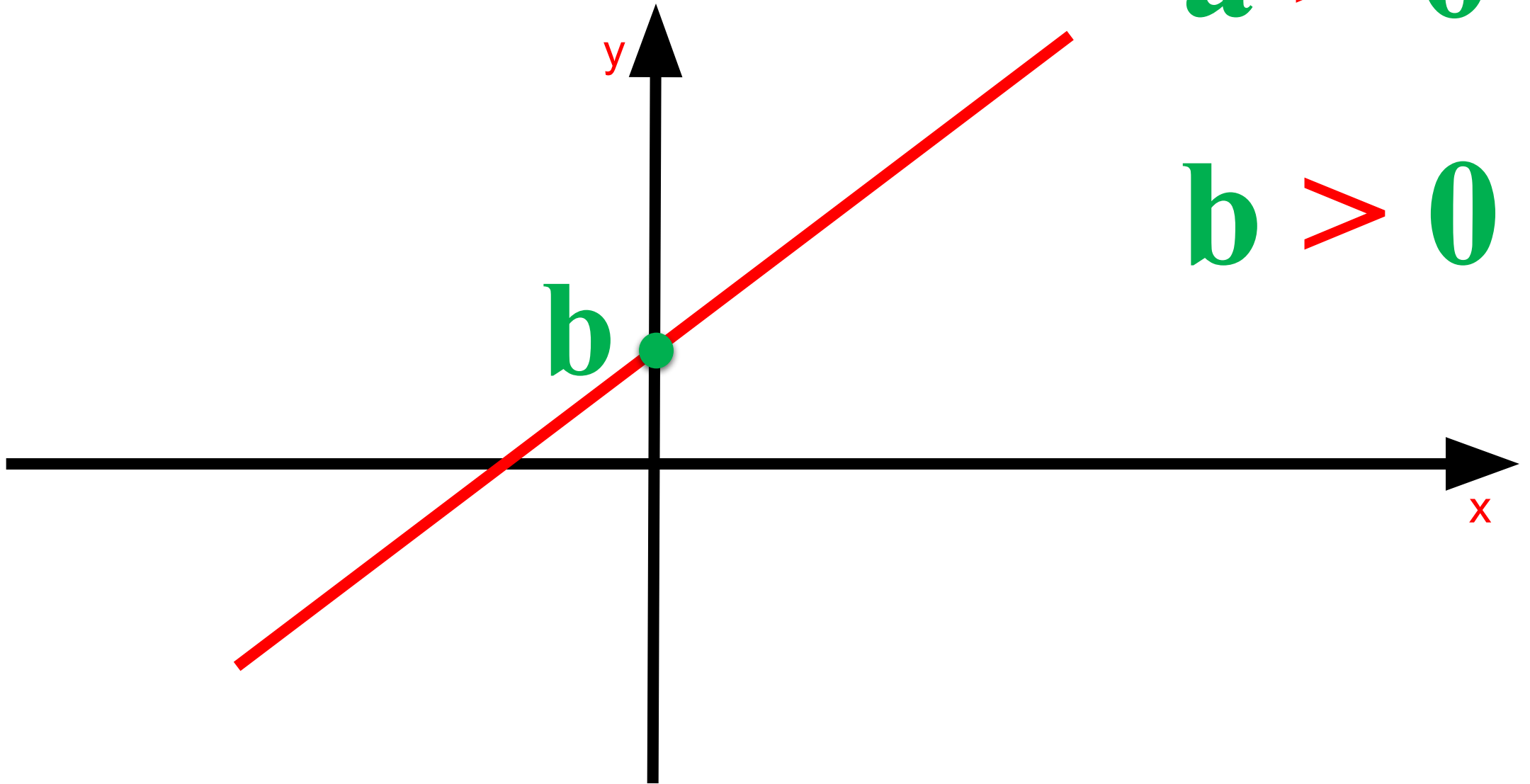
$$c > 0$$



$$y = ax + b$$

$$a > 0$$

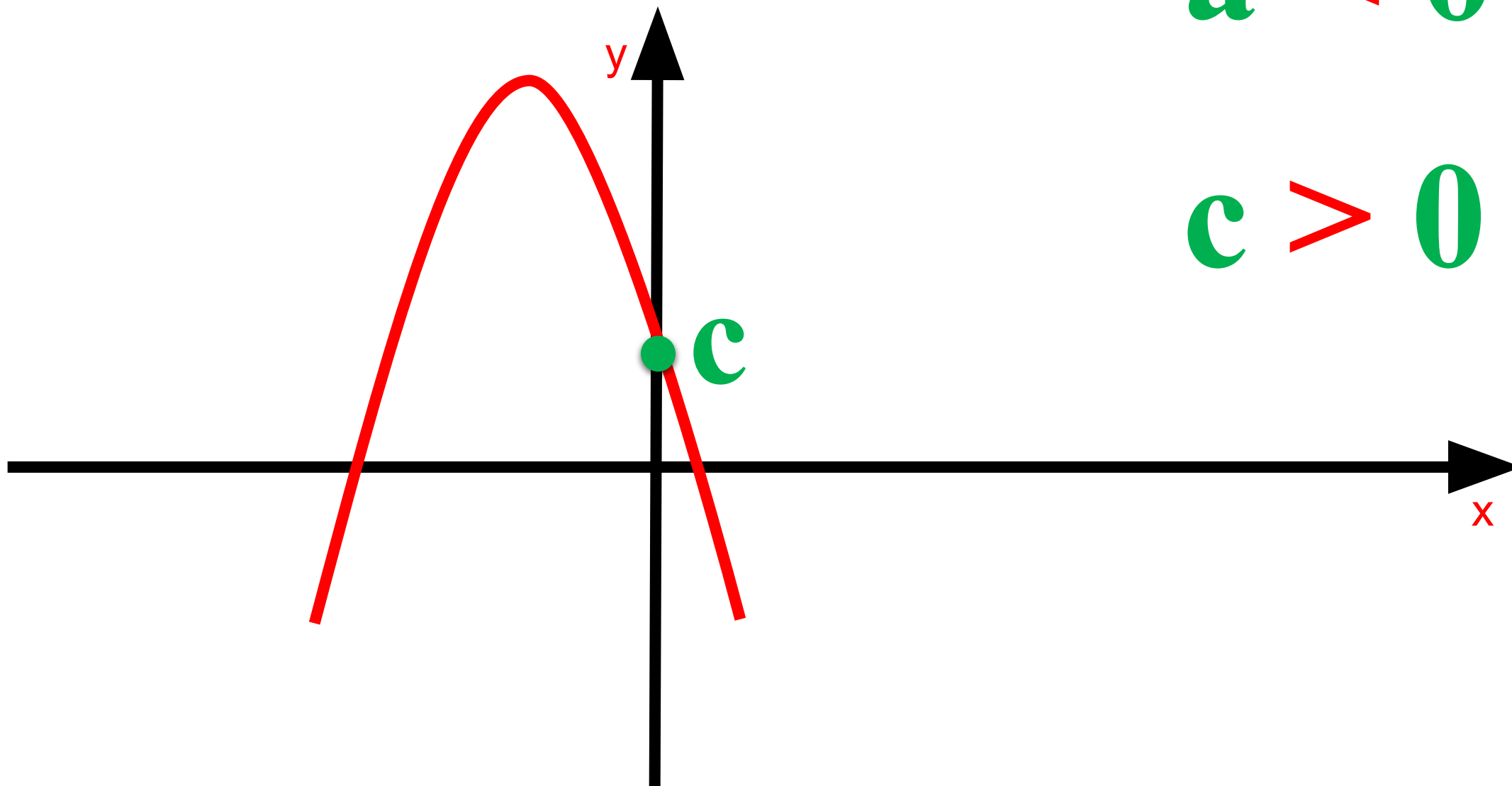
$$b > 0$$



$$y = ax^2 + bx + c$$

$$a < 0$$

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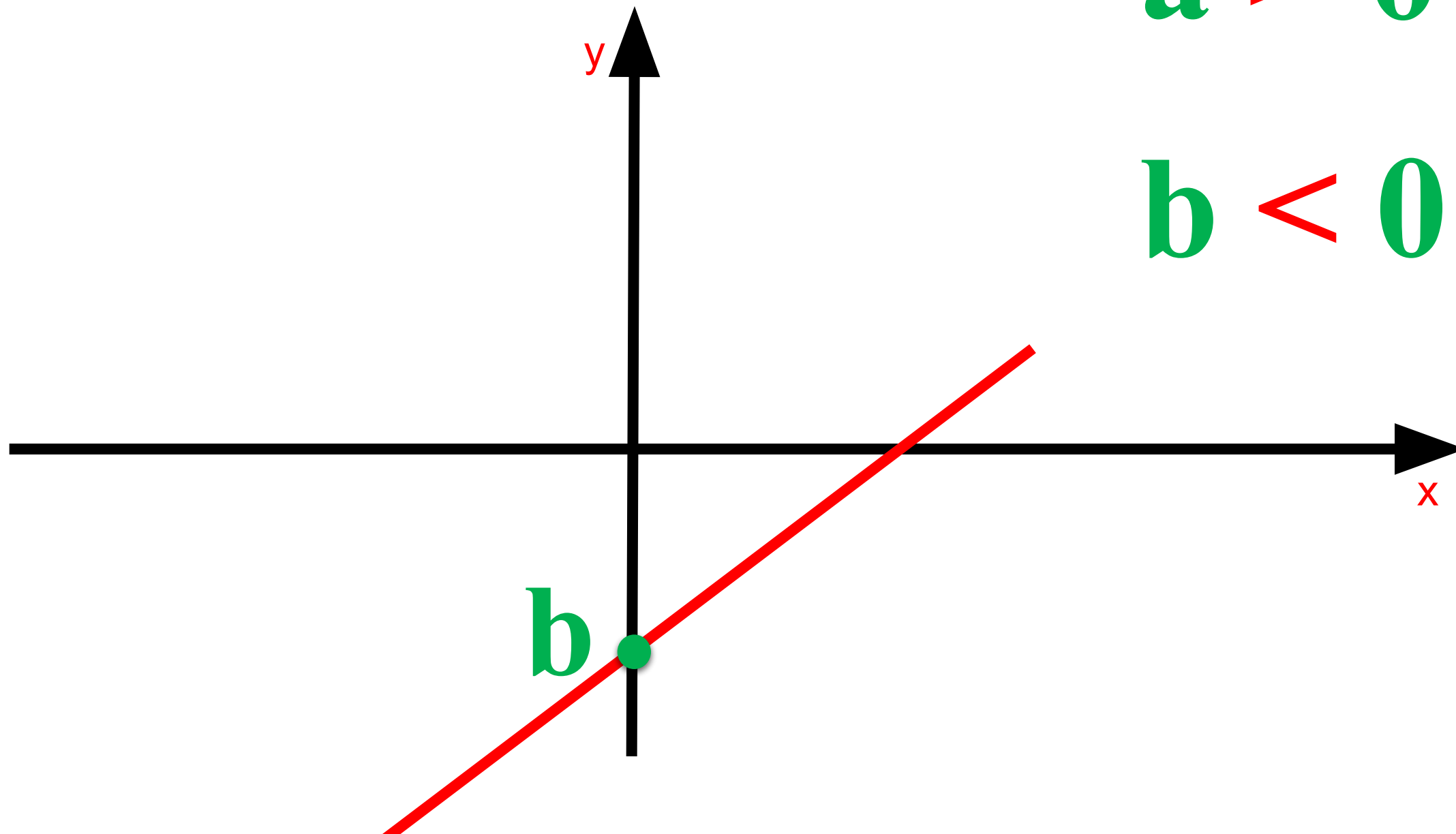




$$y = ax + b$$

$$a > 0$$

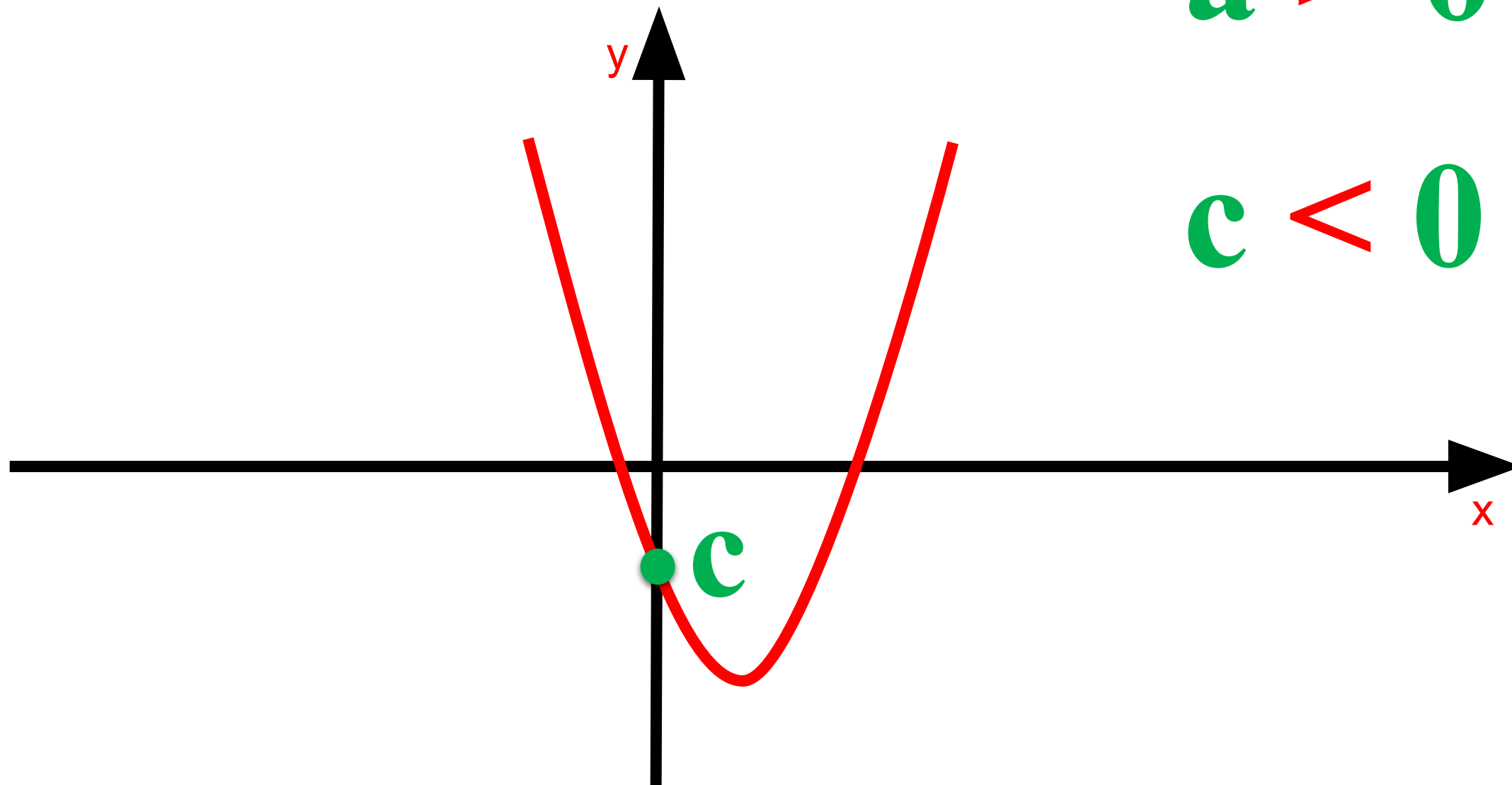
$$b < 0$$



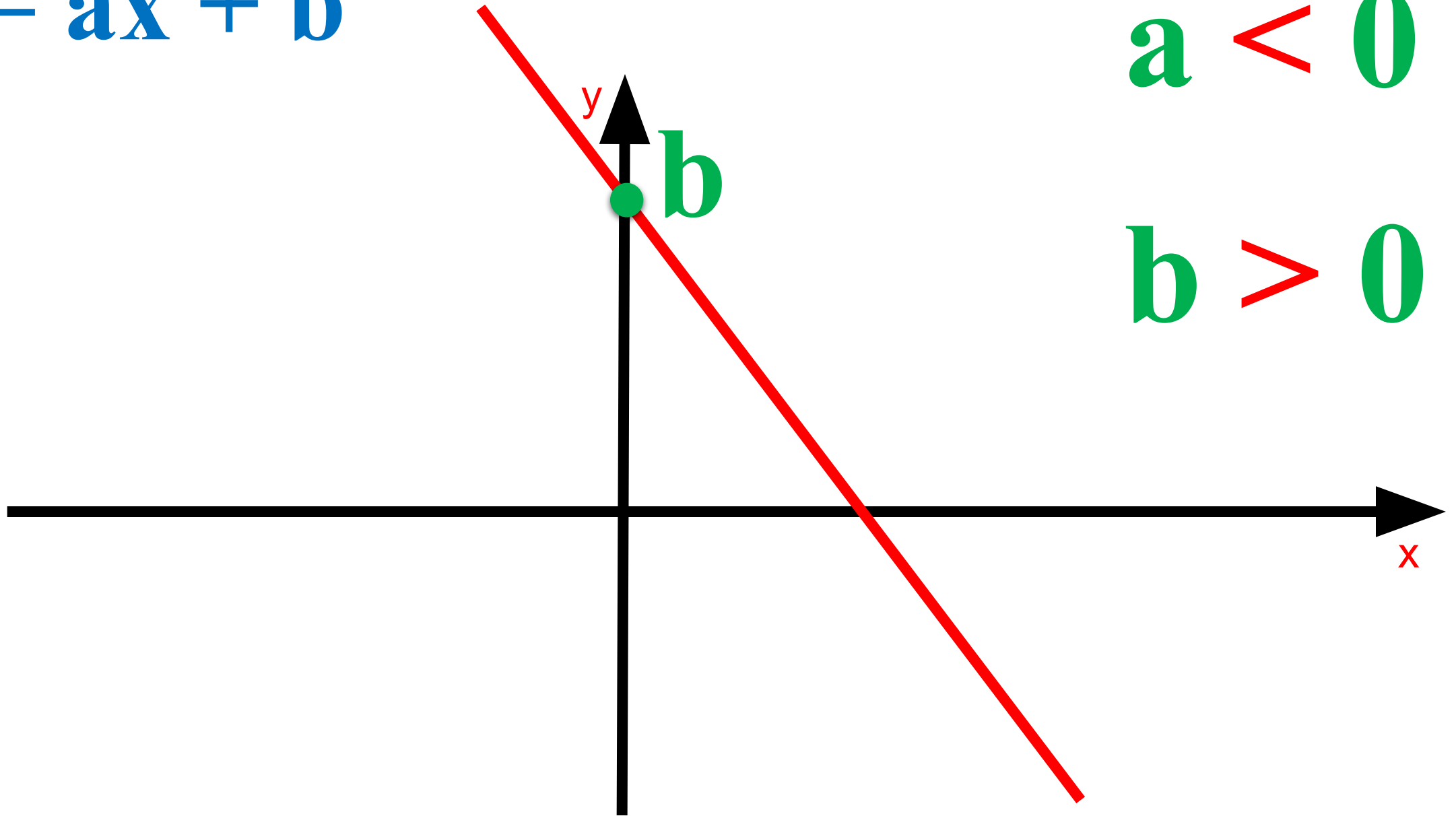
$$y = ax^2 + bx + c$$

$$a > 0$$

$$c < 0$$



$$y = ax + b$$



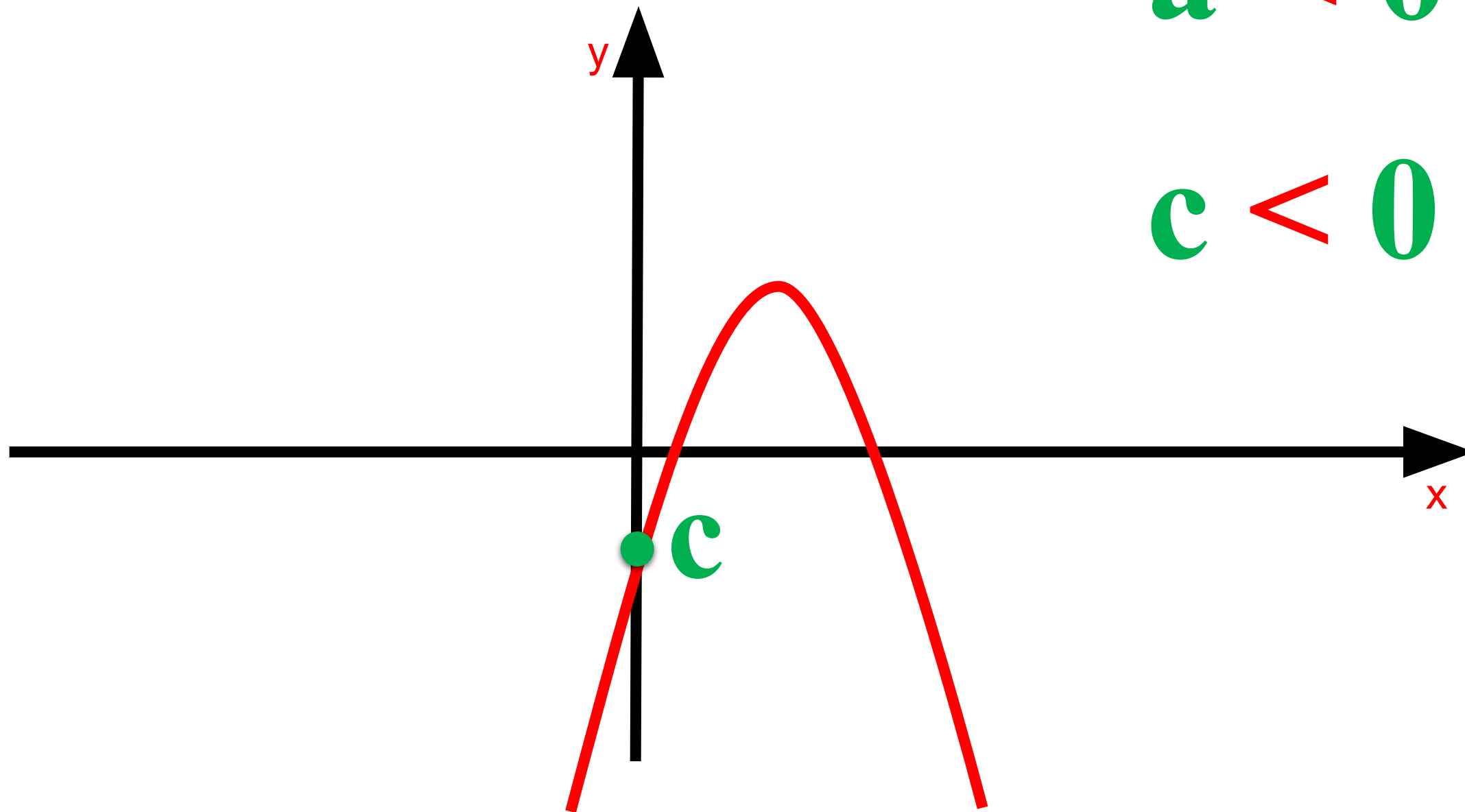
$$a < 0$$

$$b > 0$$

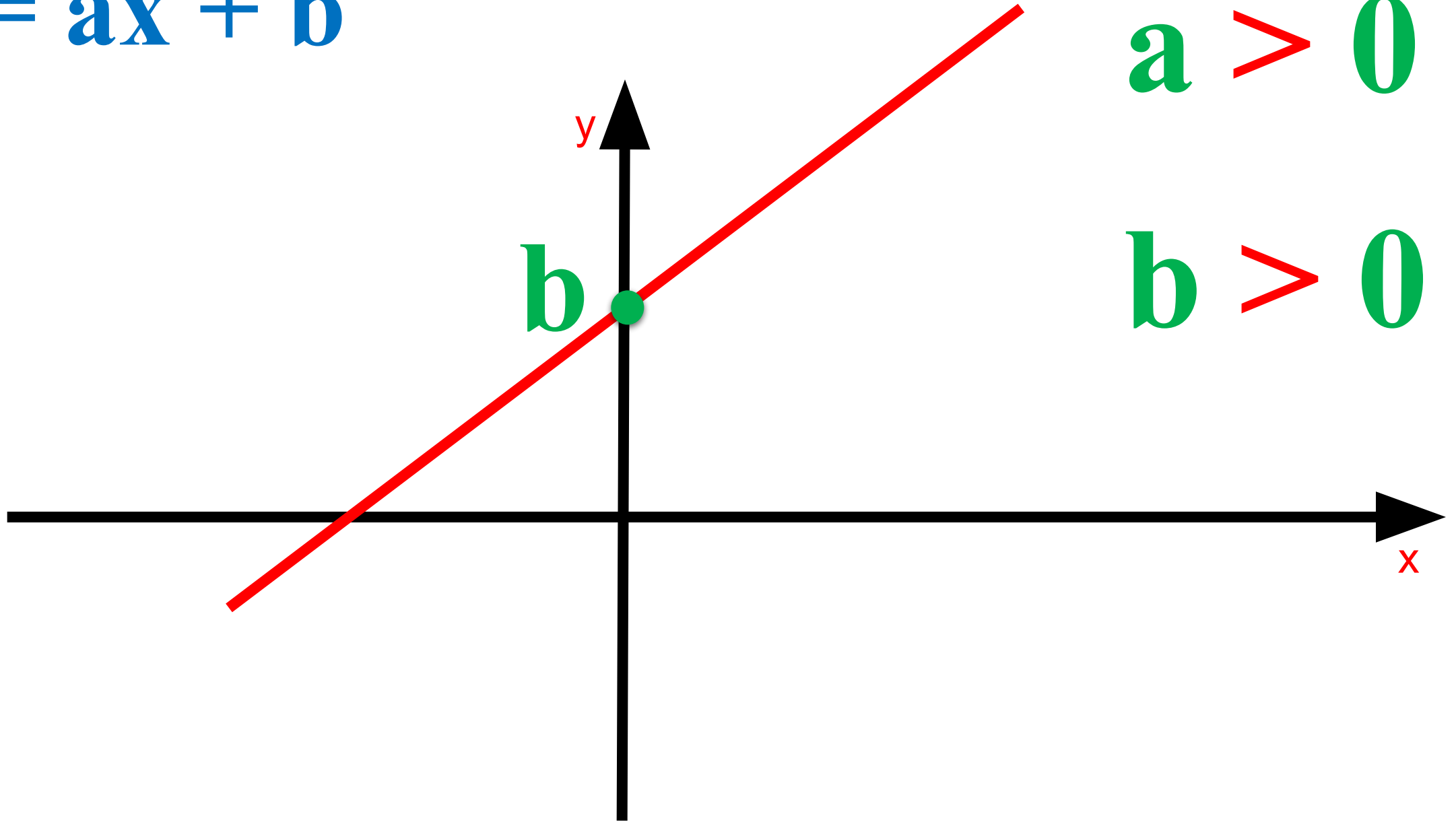
$$y = ax^2 + bx + c$$

$$a < 0$$

$$c < 0$$



$$y = ax + b$$



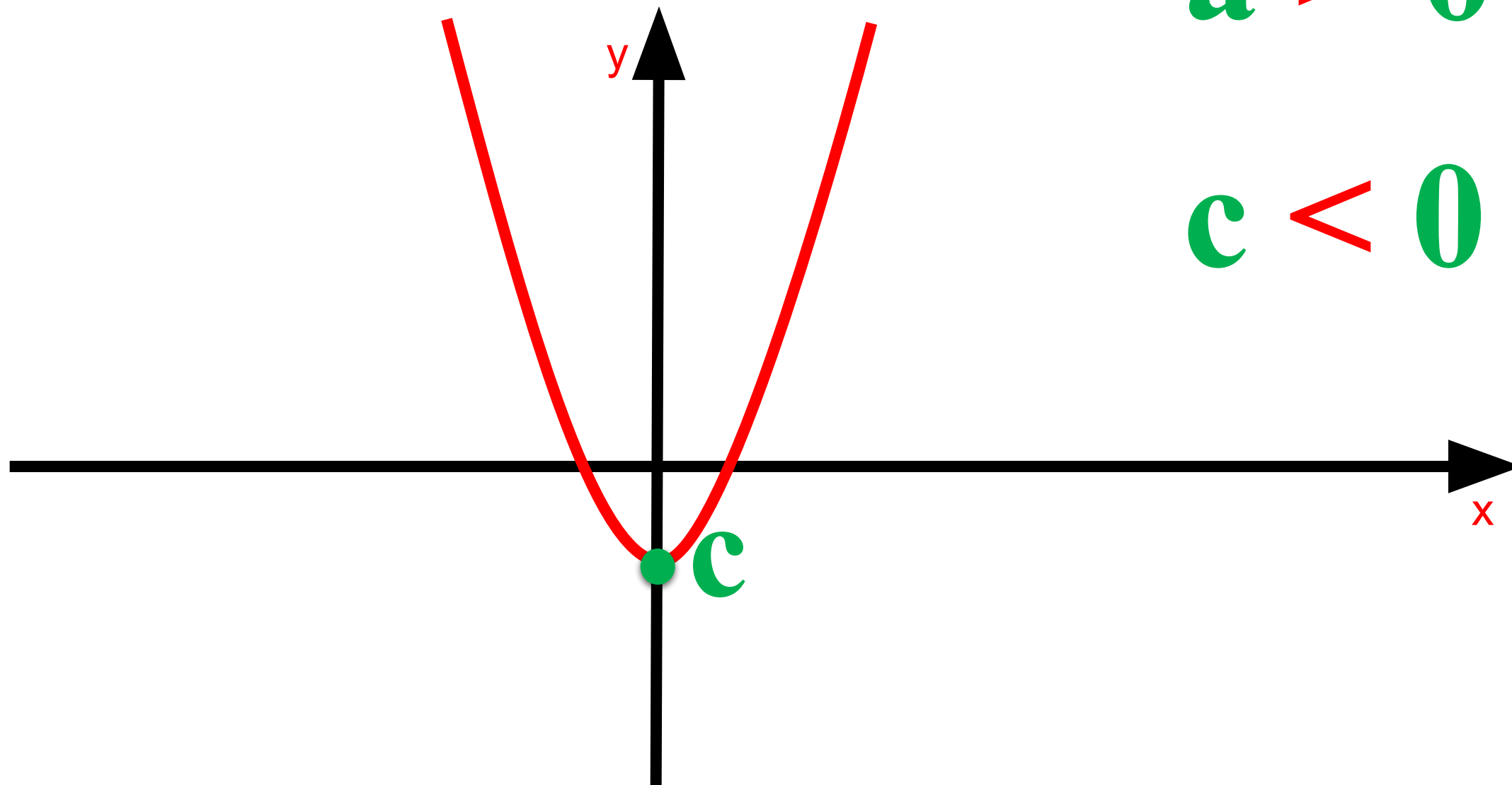
$$a > 0$$

$$b > 0$$

$$y = ax^2 + bx + c$$

$$a > 0$$

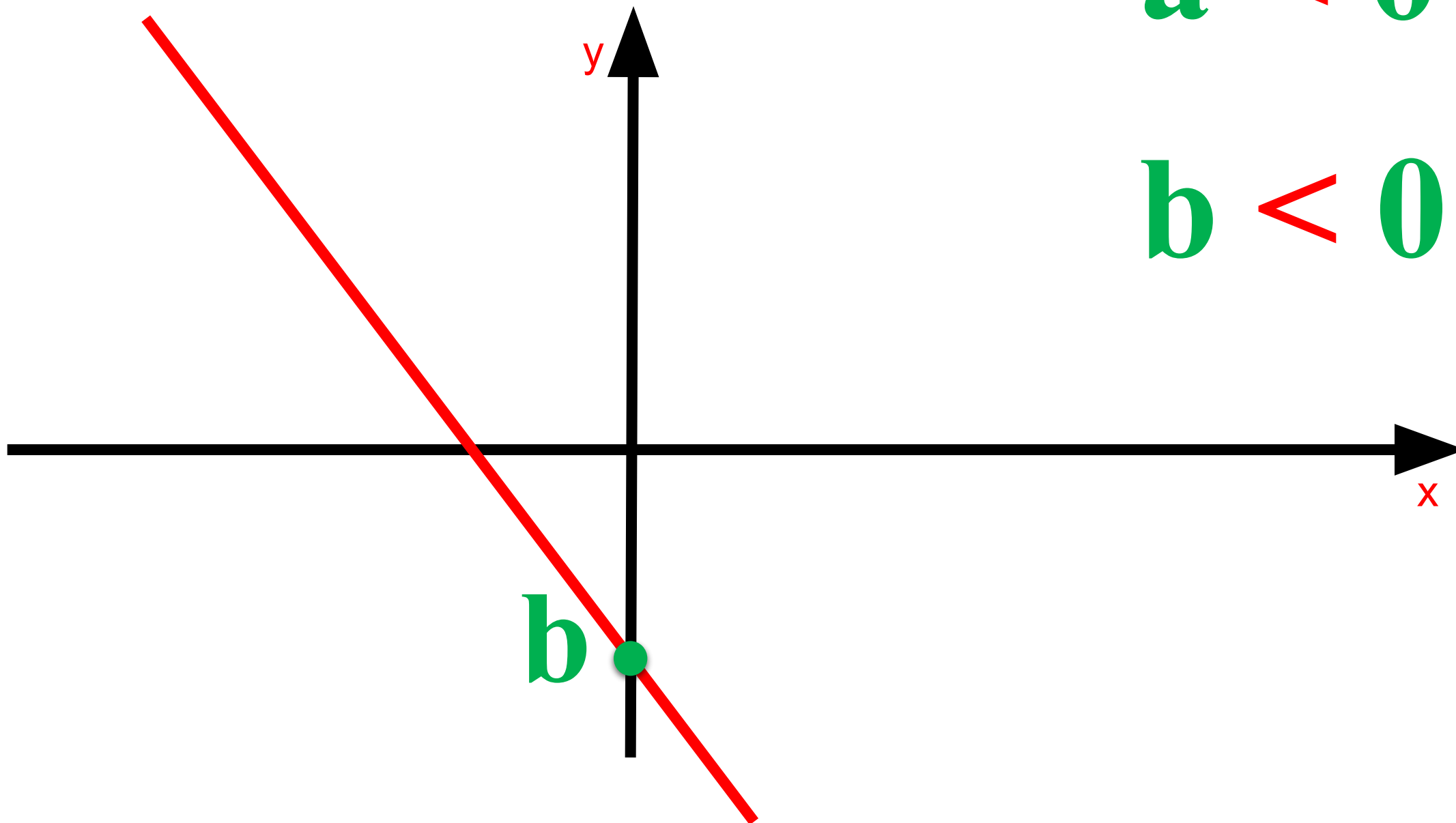
$$c < 0$$



$$y = ax + b$$

$$a < 0$$

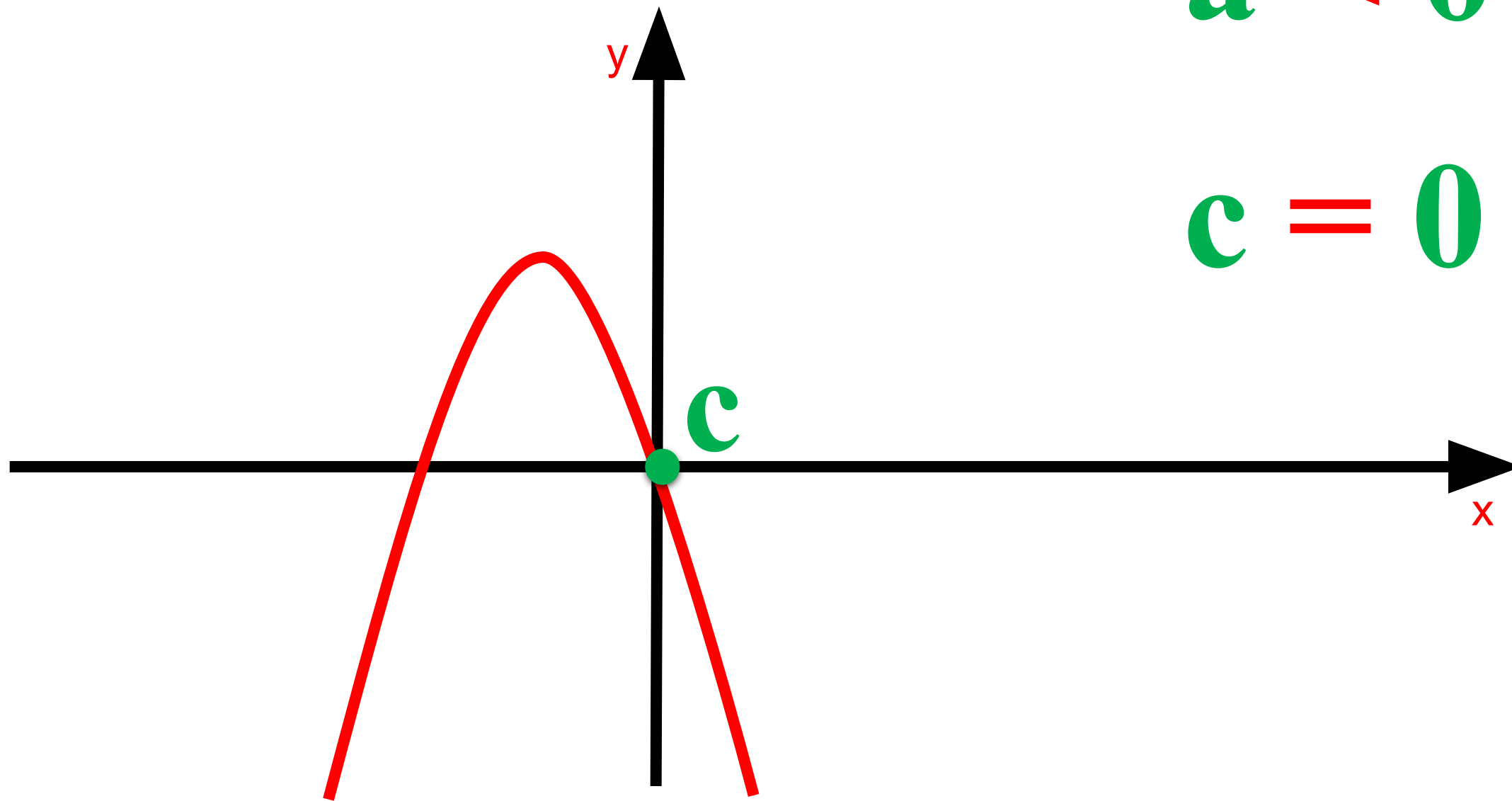
$$b < 0$$



$$y = ax^2 + bx + c$$

$$a < 0$$

$$c = 0$$

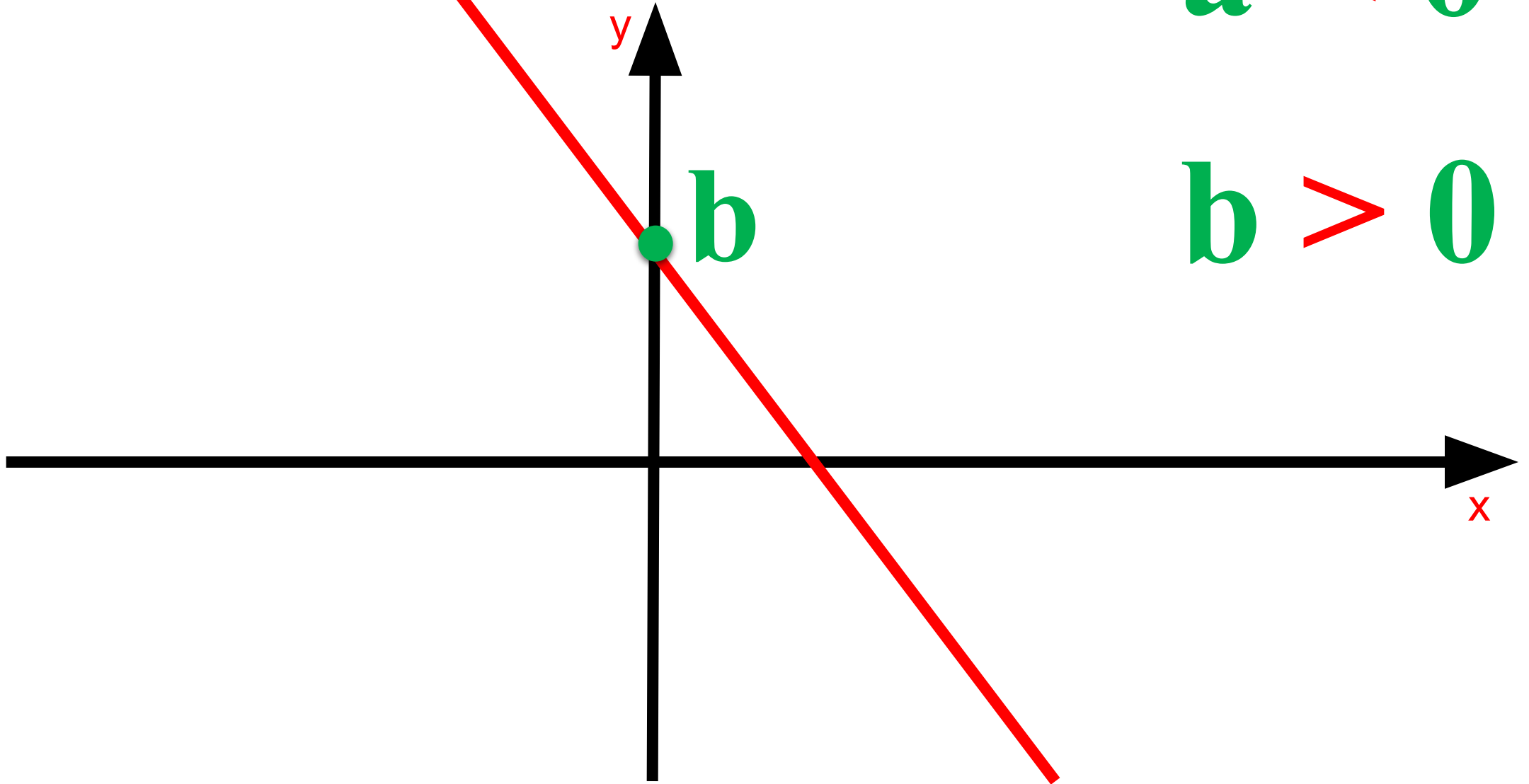




$$y = ax + b$$

$$a < 0$$

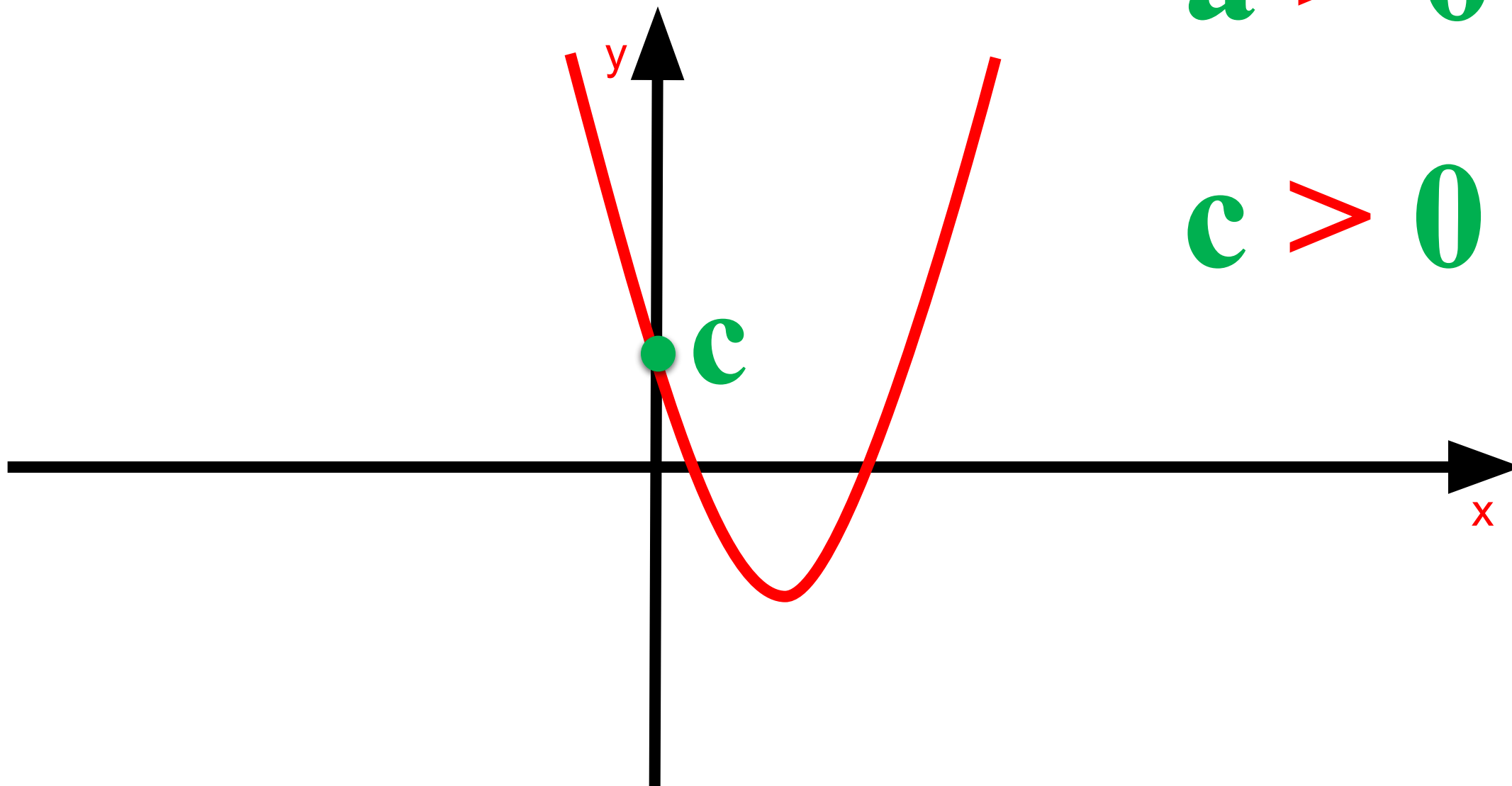
$$b > 0$$



$$y = ax^2 + bx + c$$

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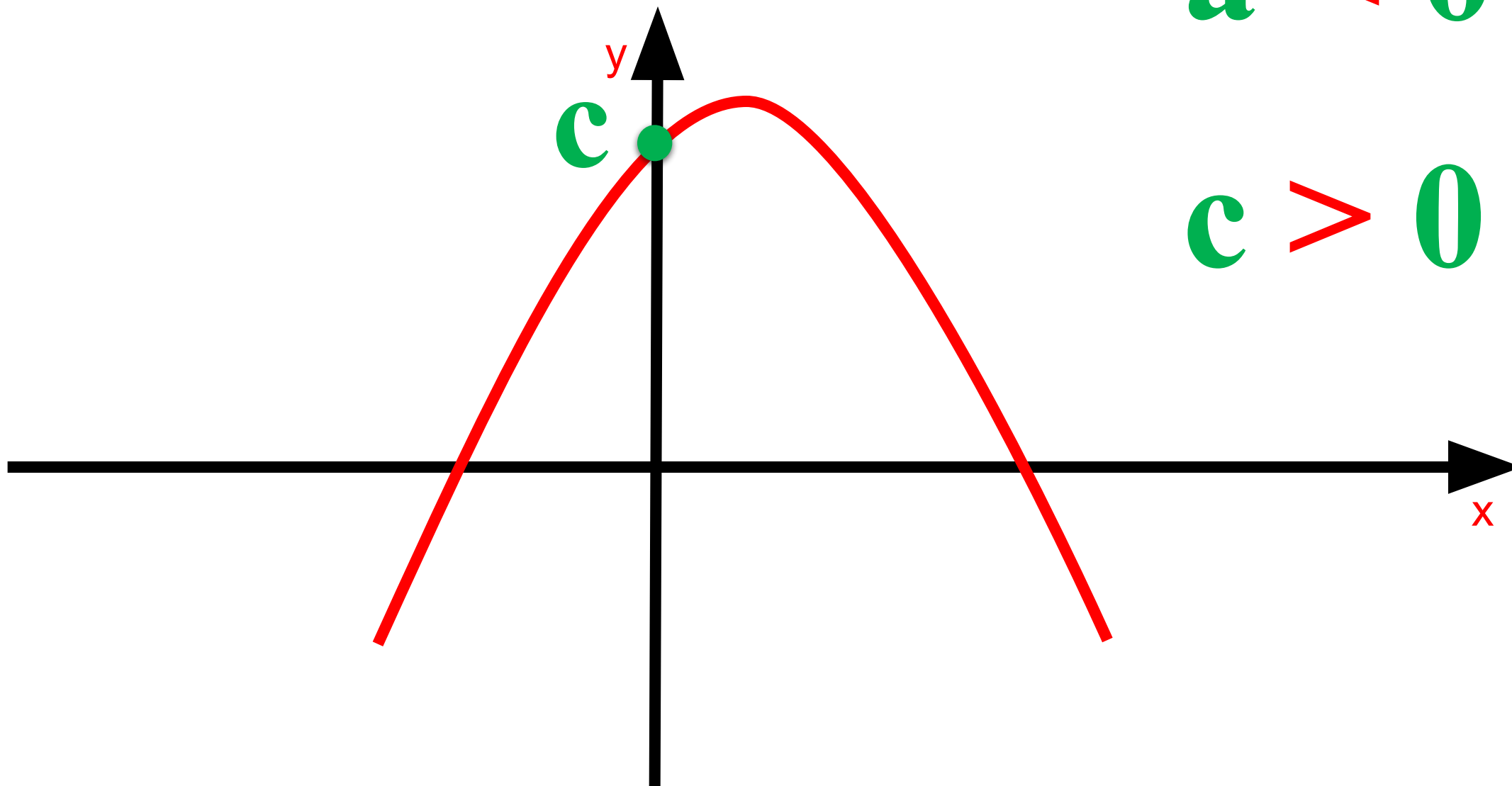
$$c > 0$$



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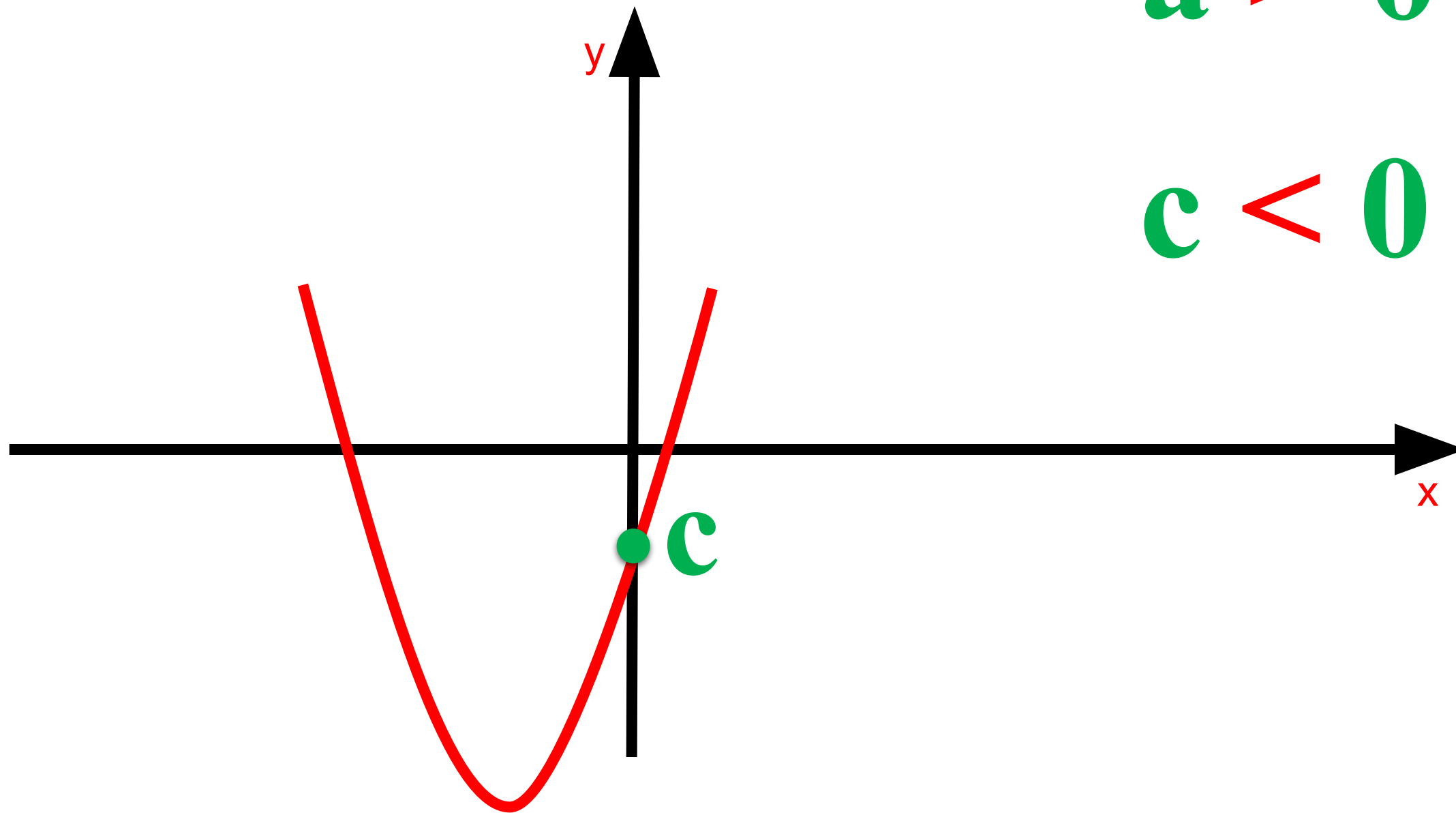
$$c > 0$$



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$$a > 0$$

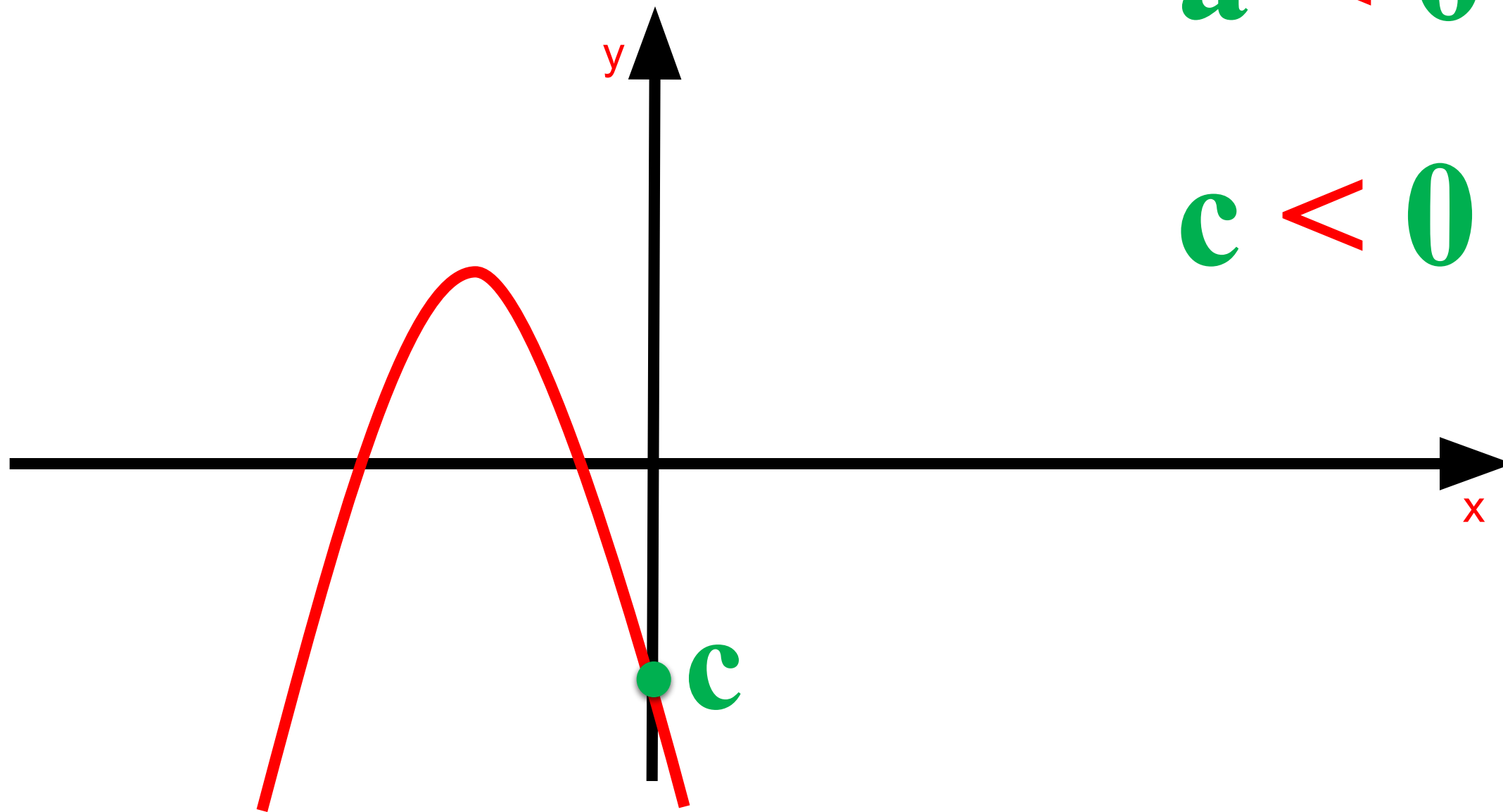
$$c < 0$$



$$y = ax^2 + bx + c$$

$$a < 0$$

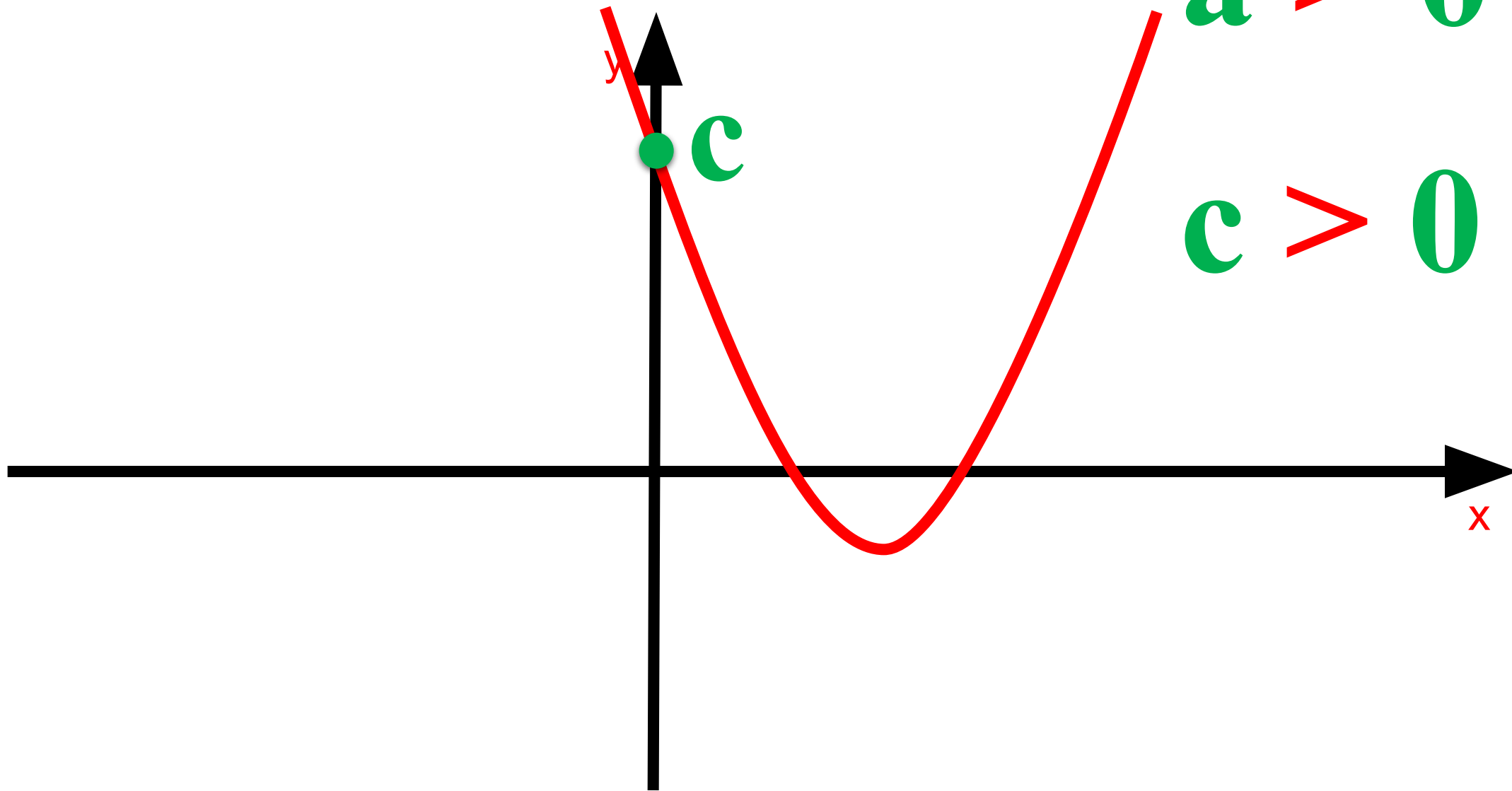
$$c < 0$$



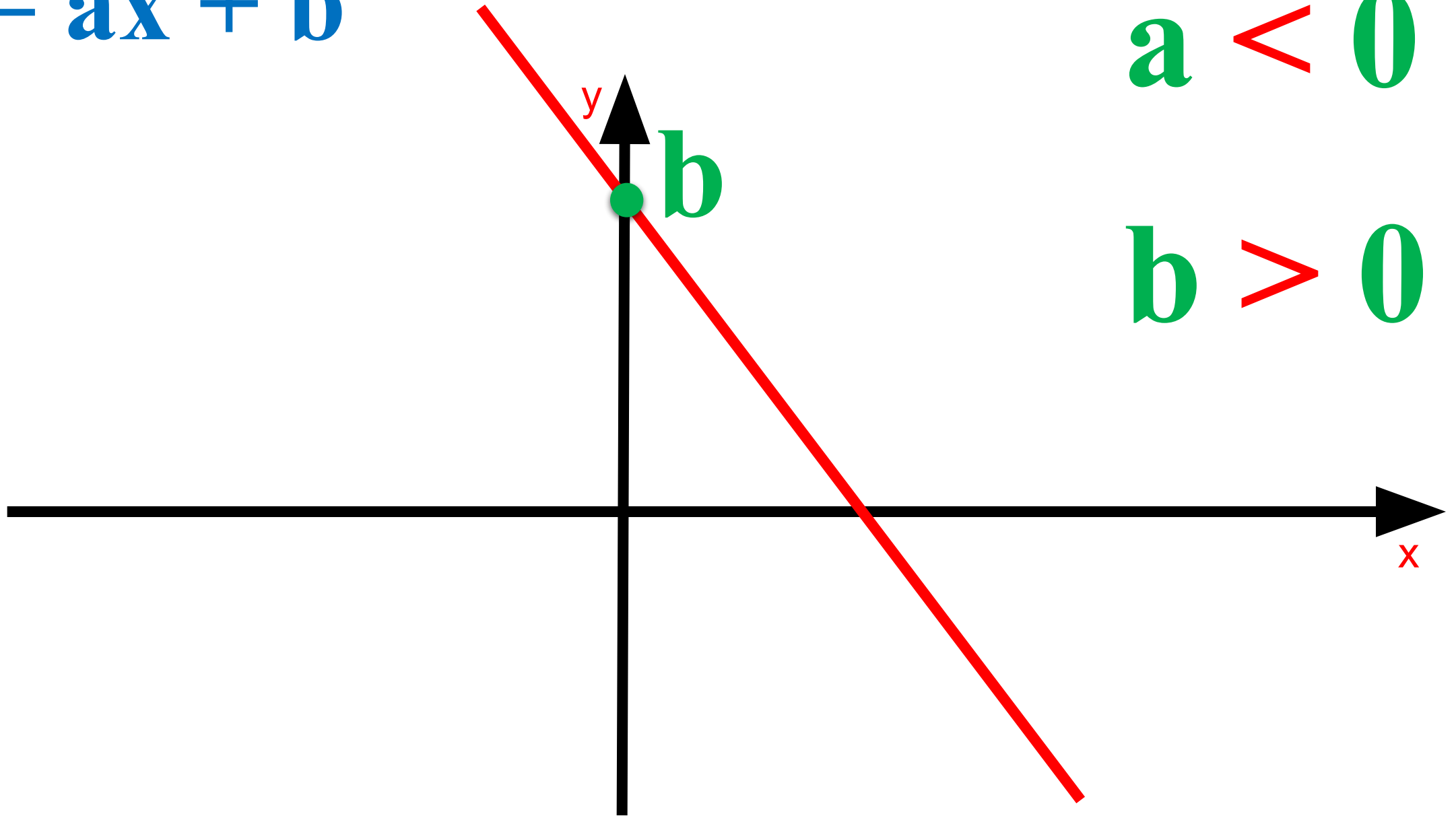
$$y = ax^2 + bx + c$$

$$a > 0$$

$$c > 0$$



$$y = ax + b$$



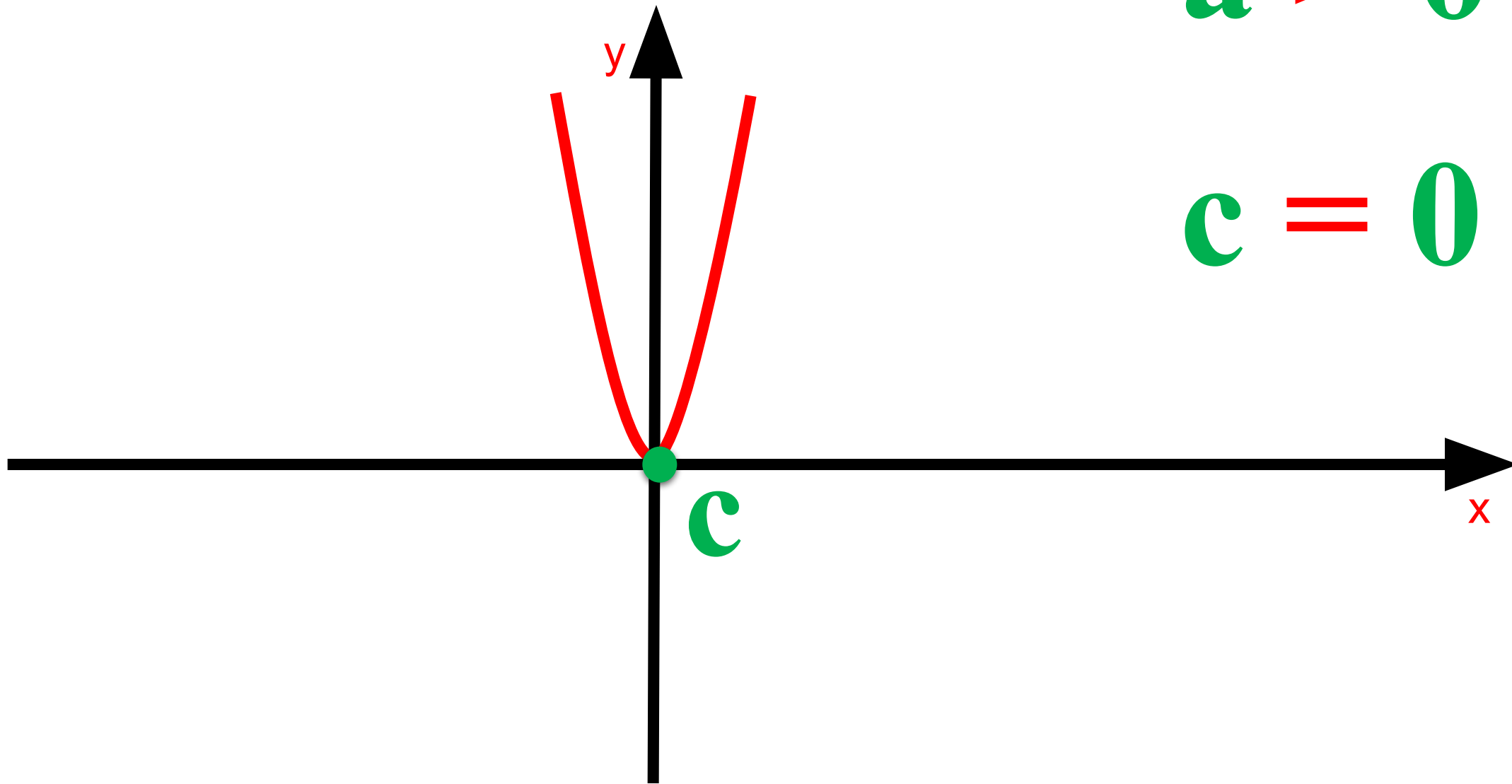
$$a < 0$$

$$b > 0$$

$$y = ax^2 + bx + c$$

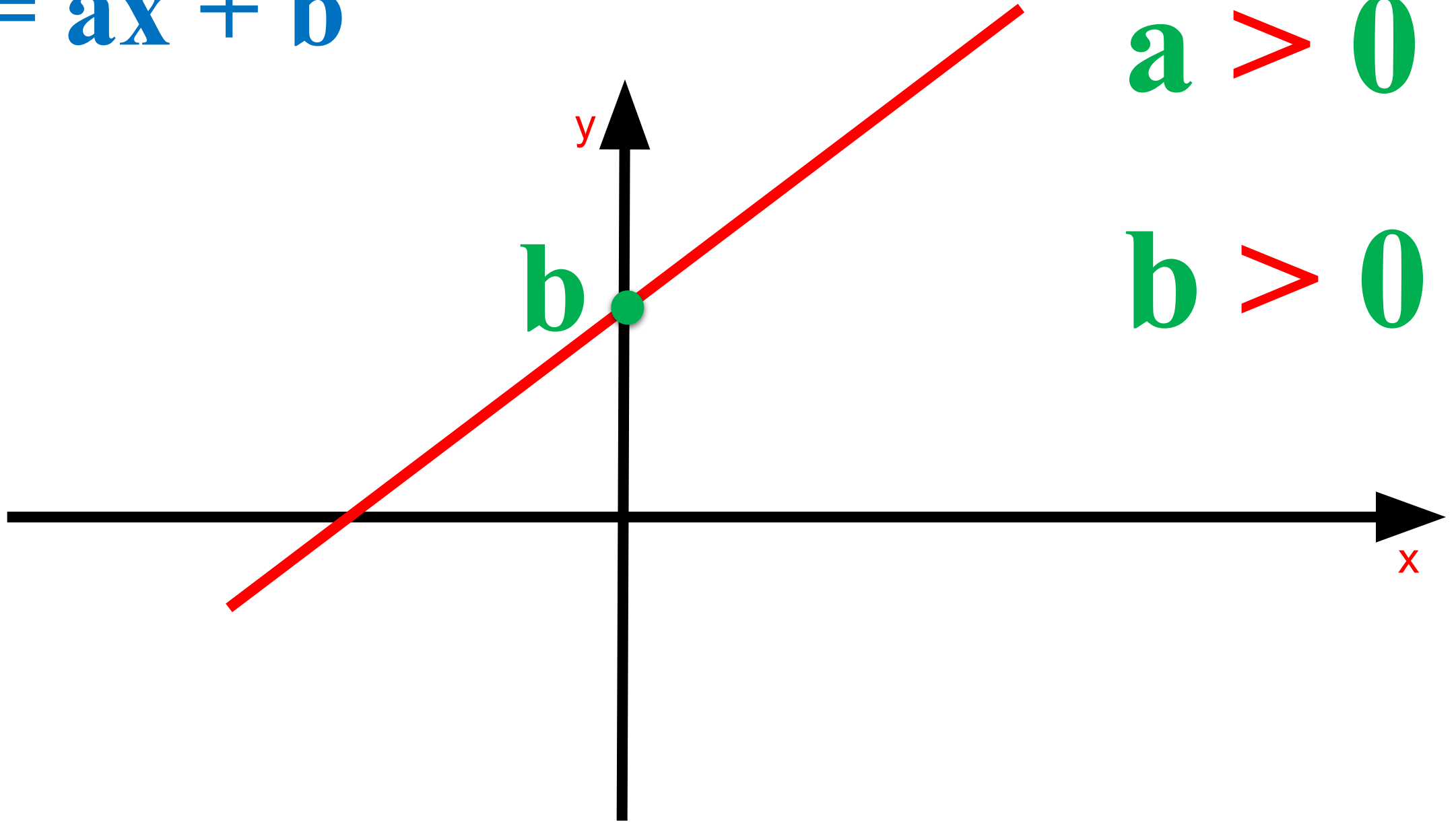
$$a > 0$$

$$c = 0$$





$$y = ax + b$$



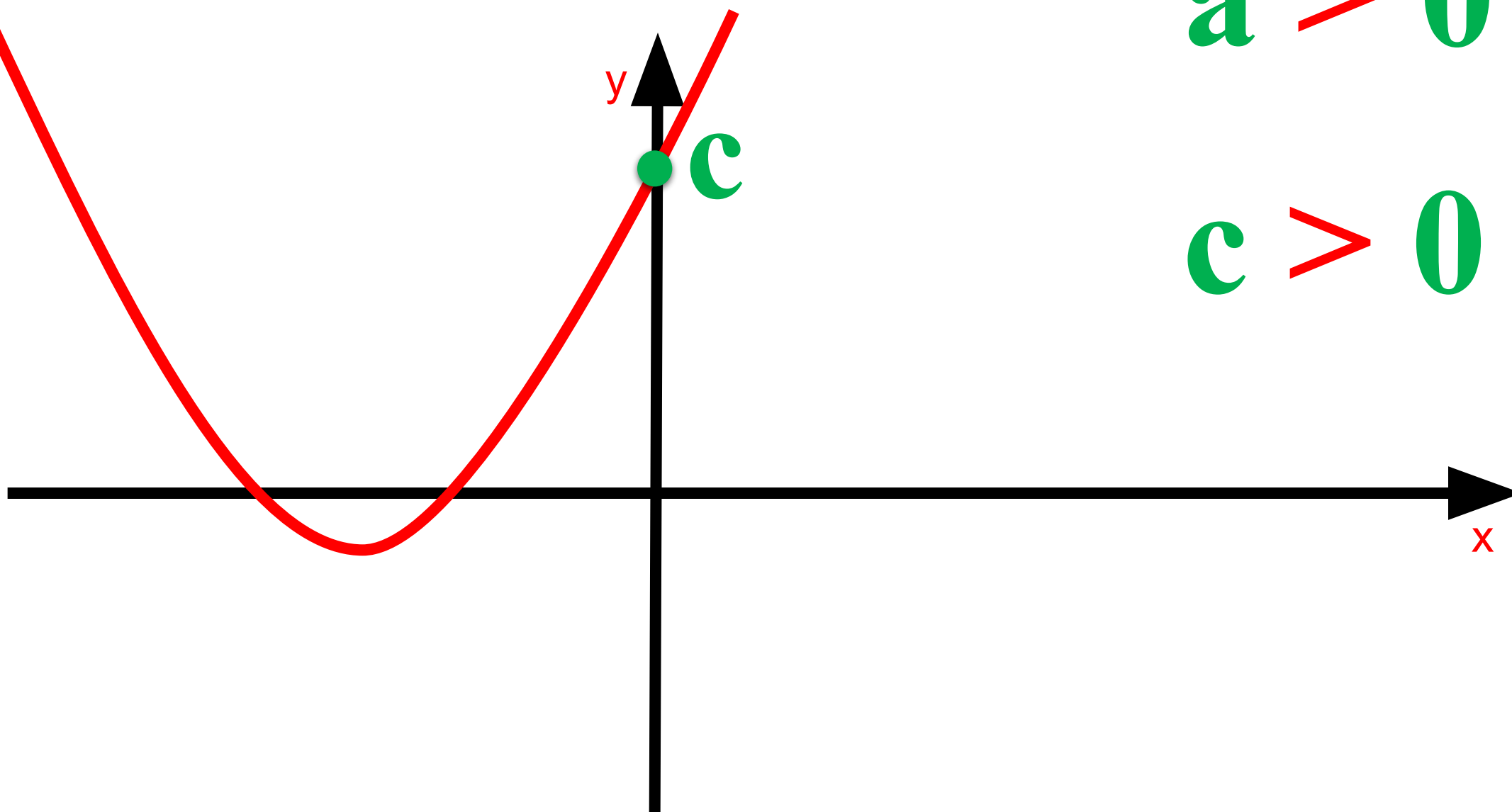
$$a > 0$$

$$b > 0$$

$$y = ax^2 + bx + c$$

$$a > 0$$

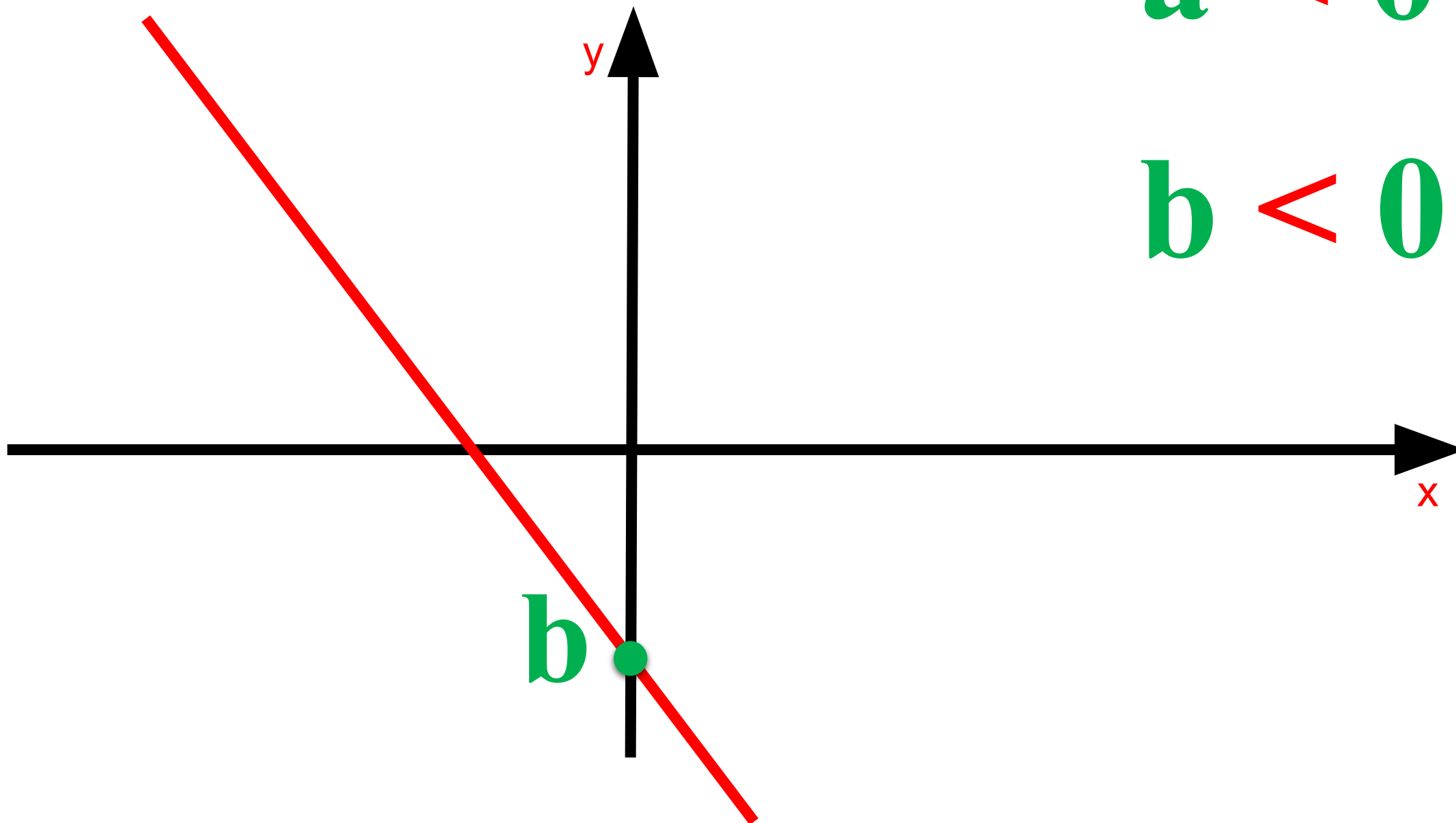
$$c > 0$$



$$y = ax + b$$

$$a < 0$$

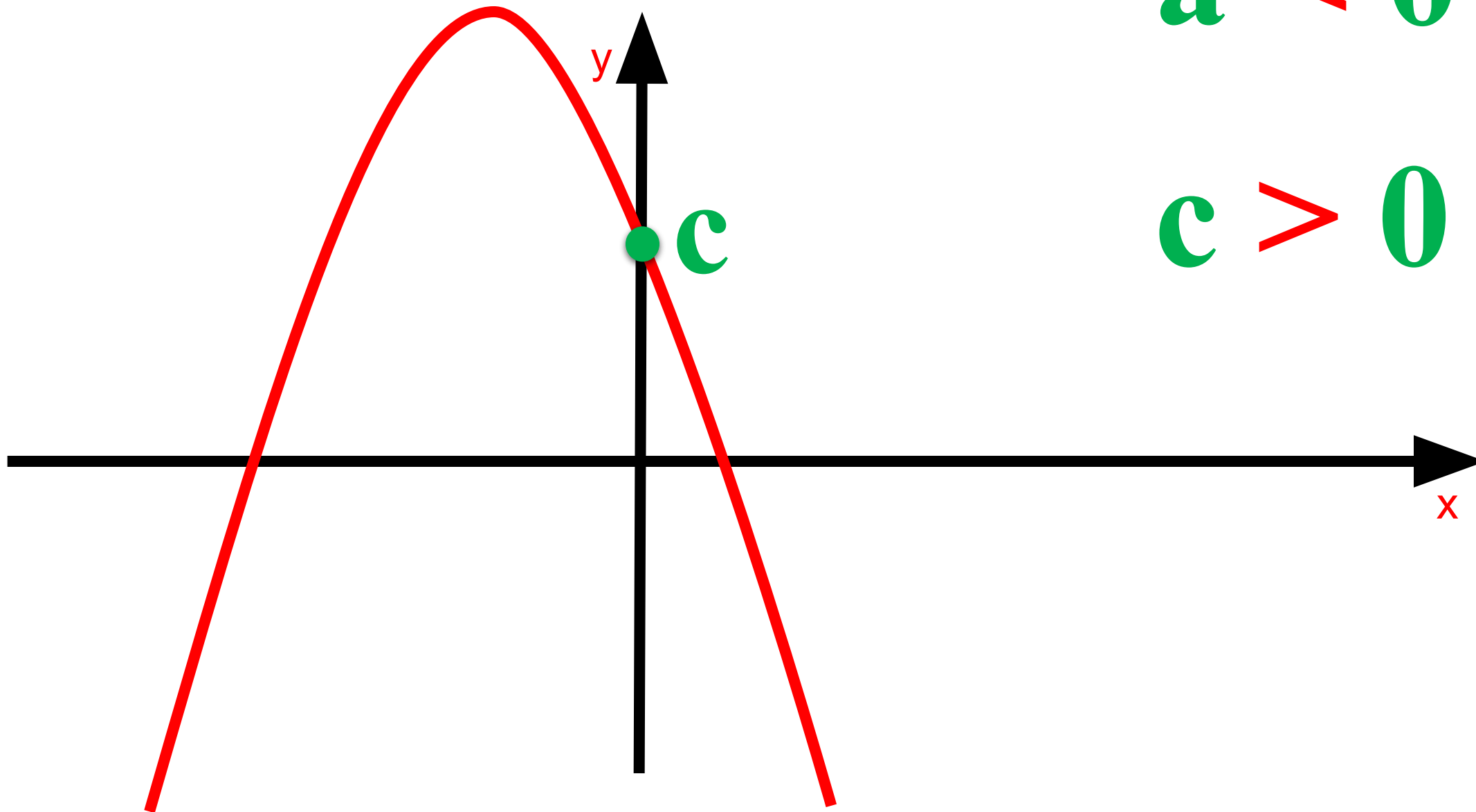
$$b < 0$$



$$y = ax^2 + bx + c$$

$$a < 0$$

$$c > 0$$



$$y = ax + b$$

$$a < 0$$

$$b > 0$$

