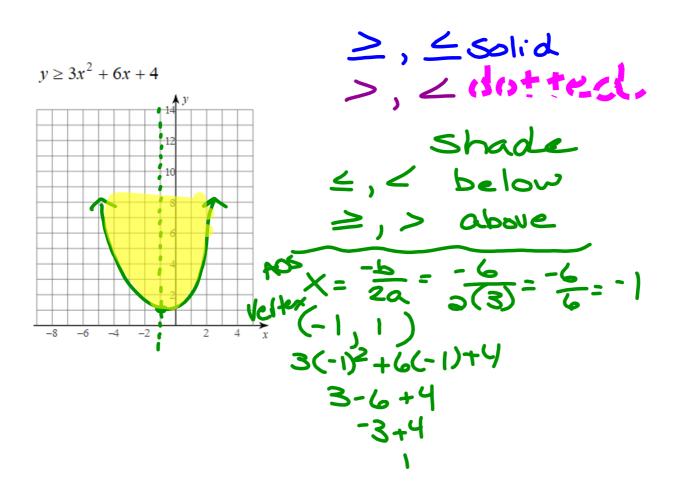
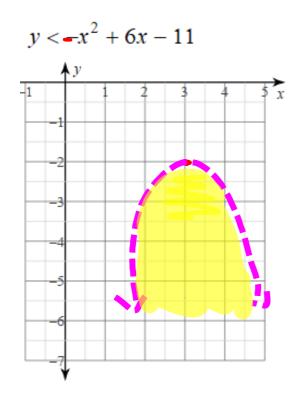
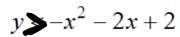
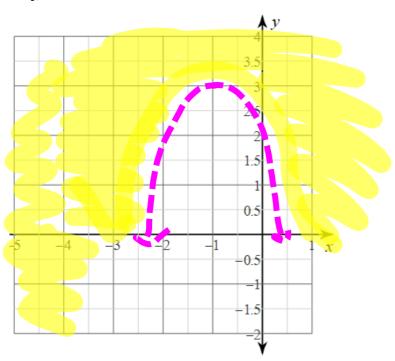
Quadratics Inequalities and Inverses





Z dotkol
Shade below





Find the inverse of the quadratic.

$$3r^{2} = 2 + 6r$$

$$3x^{2} - 6x - 2 = 4$$

$$3y^{2} - 6y - 2 = x$$

$$3y^{2} - 6y = x + 6$$

$$3(y^{2}-2y+1) = x+2+3$$

$$3(y^{2}-2y+1) = x+5$$

$$3(y-1)^{2} = x+5$$

$$3(y-1)^{2} = x+5$$

$$3(y-1)^{2} = x+5$$

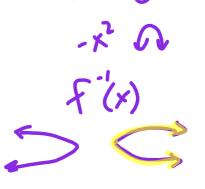
$$4+5$$

$$4+7 = x+5$$

5 Standard

@ Switch x ≠ y

3) Solve for y by completing the square x2 1/



$$11p^2 = -p + 7$$

$$3v^2 = 11v - 7$$