Question
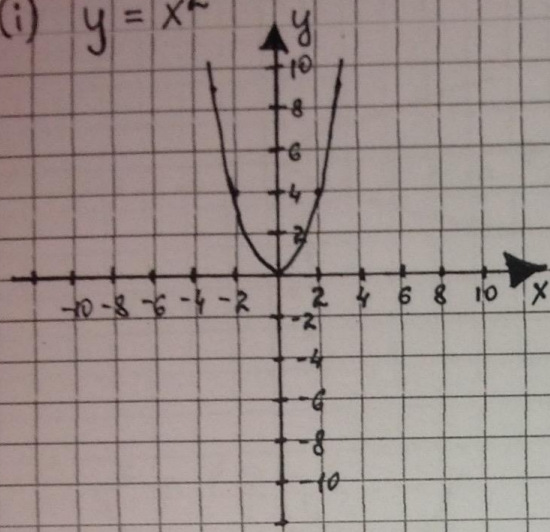
Draw the graph of following functions on graph paper.

(i) $y=x^2$
(ii) $y=x^2+1$
(iii) $y^2=x$
(iv) $y^2=4x+2$
(v) $y^2=x-1$
(vi) $x^2=4y$
(vii) $x^2=4y-1$
(viii) $x^2+y^2=1$
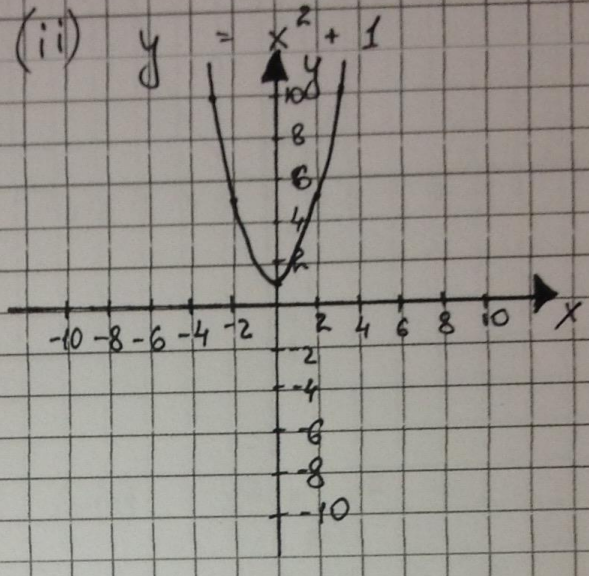(ix) $x^2-y^2=1$
(x) $x^2+y^2=0$

Solution

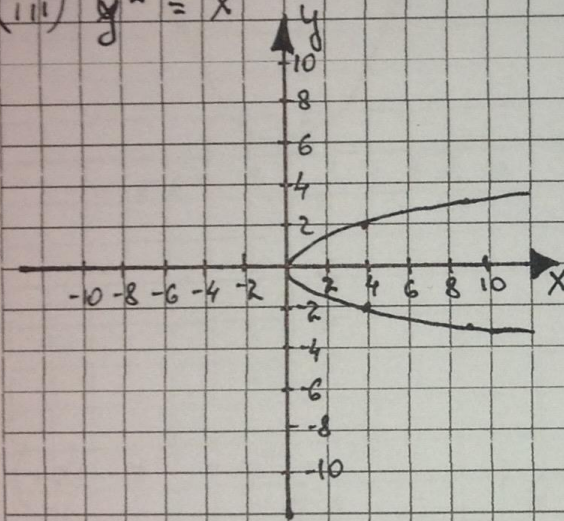**Q. Draw the graph of following functions on graph paper.**

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(vi) $x^2 = 4y$

(vii) $x^2 = 4y - 1$

(viii) $x^2 + y^2 = 1$

(ix) $x^2 - y^2 = 1$

(x) $x^2 + y^2 = 0$