

Answer on Question #57353 – Math – Analytic Geometry

Graph the equation below, the graph is scaled 10 high and 10 wide.

1) $x^2 = -8y$;

2) $x - \frac{1}{8}y^2 = 0$;

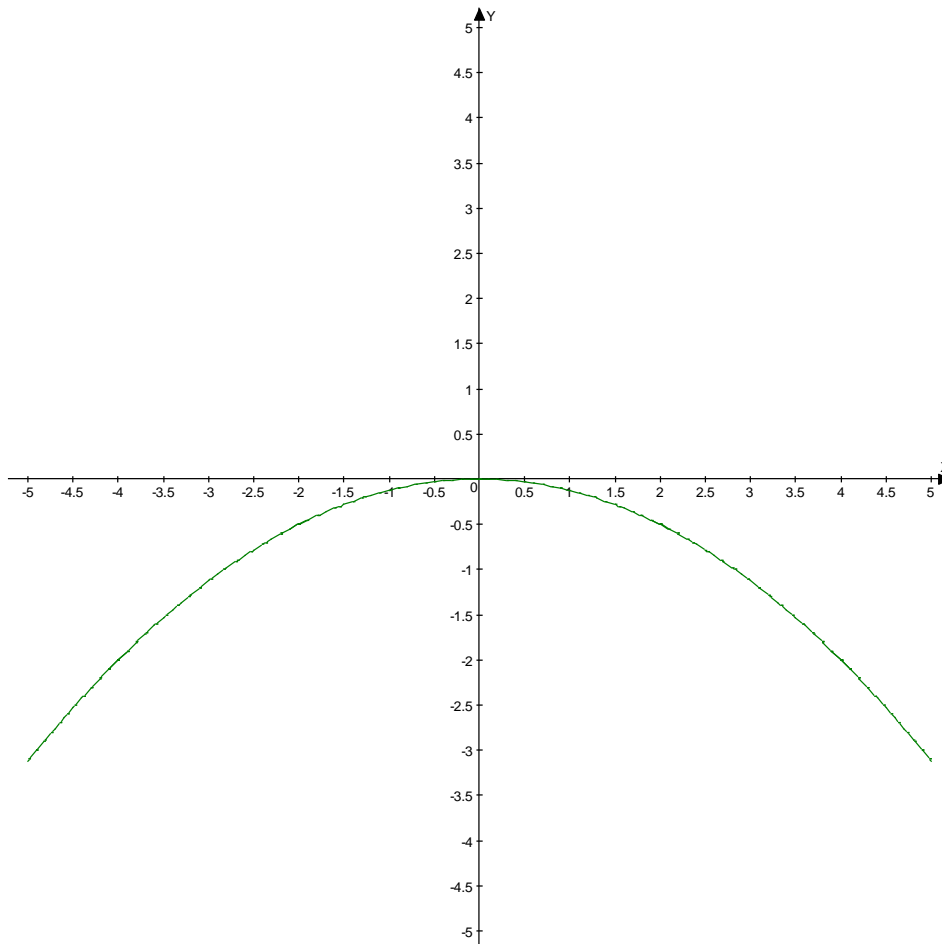
3) $x^2 = 8y$;

4) $y = \frac{1}{2}x^2$.

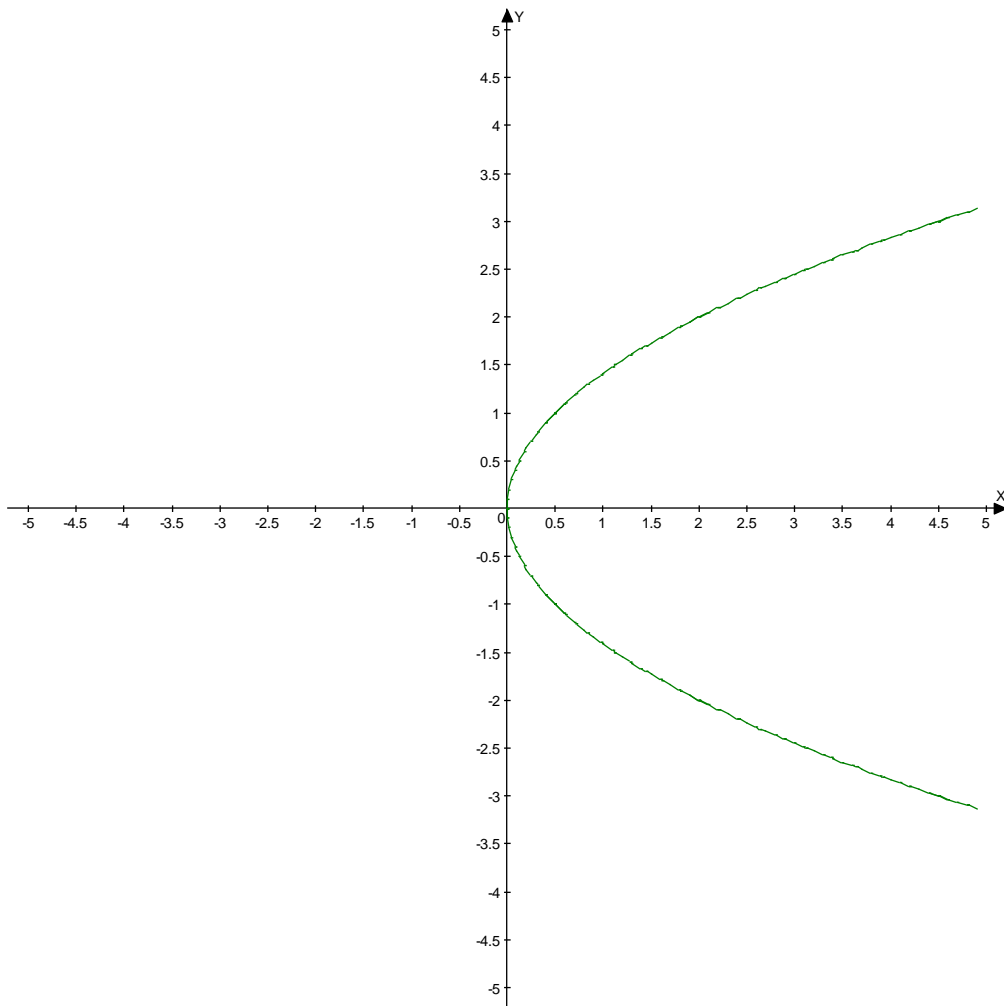
Solution

All equations represent parabola.

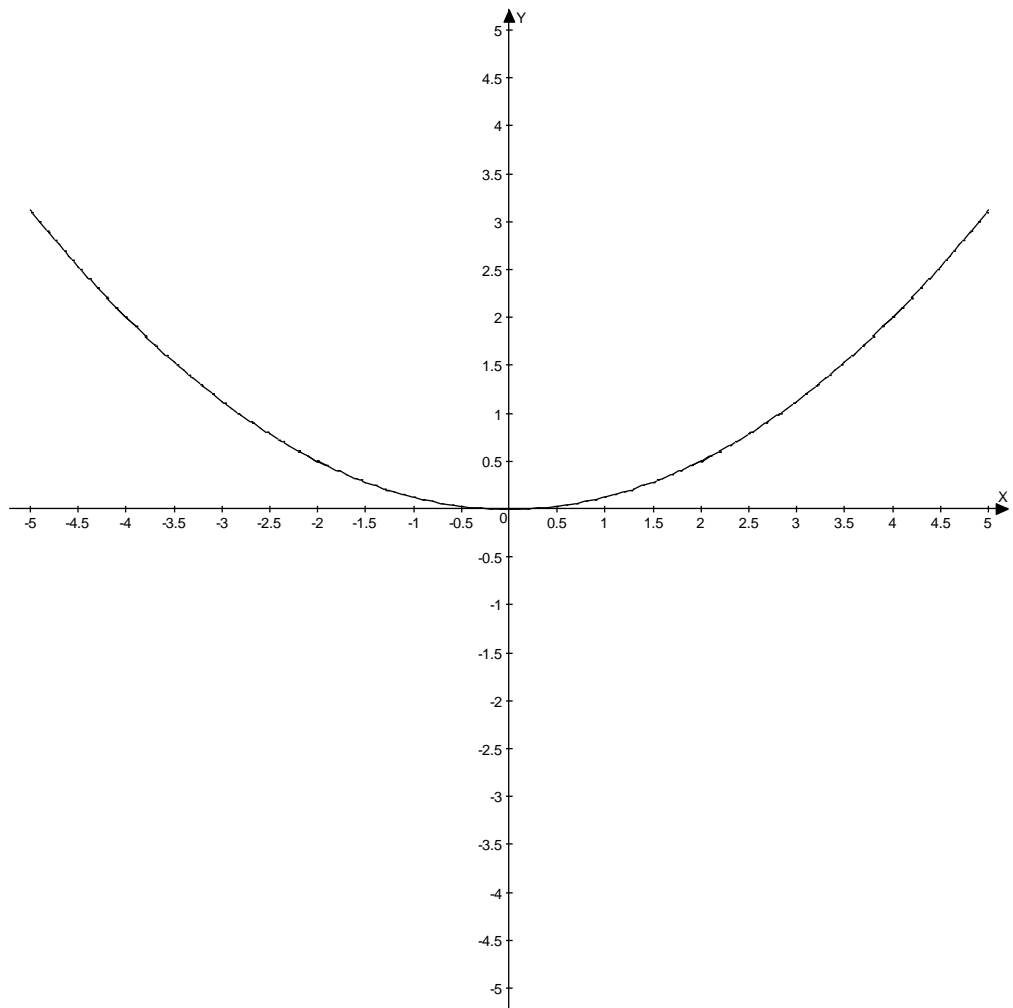
1. $x^2 = -8y$



$$2. x - \frac{1}{8}y^2 = 0;$$



$$3. x^2 = 8y;$$



4. $y = \frac{1}{2}x^2$

