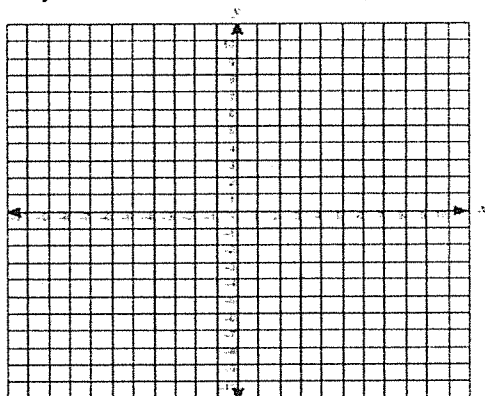


Systems of Equations – With Calculator

Draw each system of equations and label the point of intersection. Verify that this is a solution to both equations.

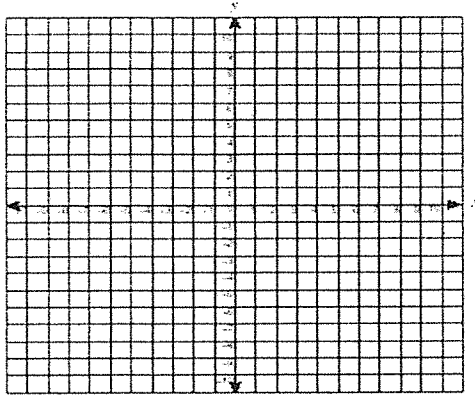
1. $y = -2x + 3$

$y = x^2$



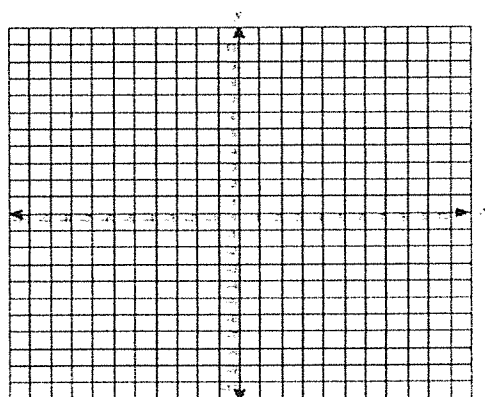
2. $y = -x^3 + x - 2$

$y = 2^{-x}$



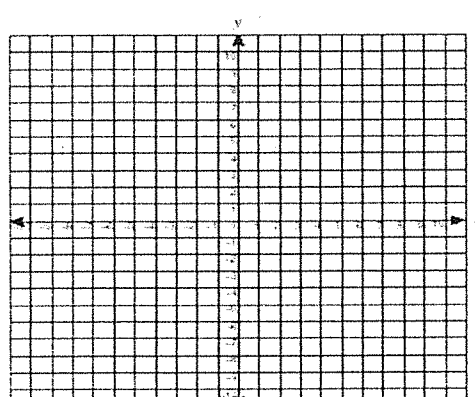
3. $y = x$

$y = -\sqrt{-x}$



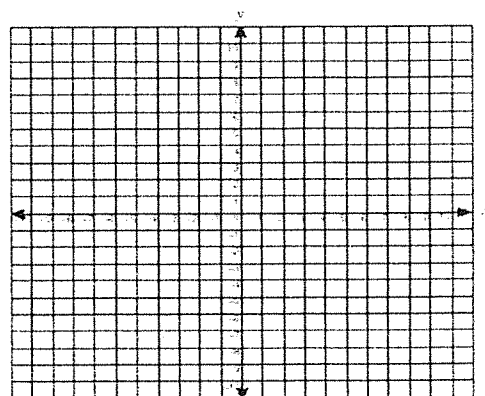
4. $y = -x^2 + 4$

$y = (x + 2)^2$



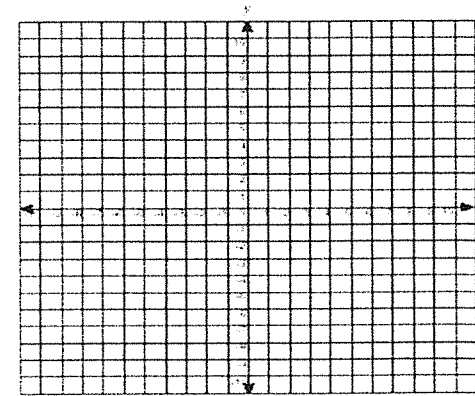
5. $y = -3^{-x-1}$

$y = \frac{1}{x}$



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

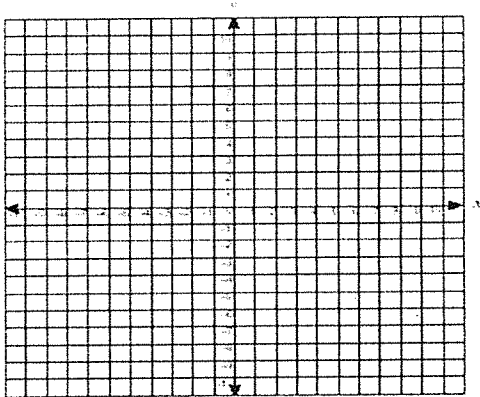
$y = x^2 - 7$



Find the approximate point of intersection. You do not have to test a point.

7. $y = -\frac{1}{2x-1}$

$y = x^5 - 3x^2$



6. $y = -2.5^x$

$y = 7^{-x} - 4$

