

Algebra 2 Opening Day Fall 2014

Tuesday, Sept 2, 2014

Use the following functions: $f(x) = x^2 + 6x - 1$ $g(x) = -3x^2 - 9x$ $h(x) = -8x + 11$

1. Find $f(3)$

2. Find $g(-5)$

3. Find x when $h(x) = 13$

Solve each.

4. $18 + \frac{5}{3}Q = 6$

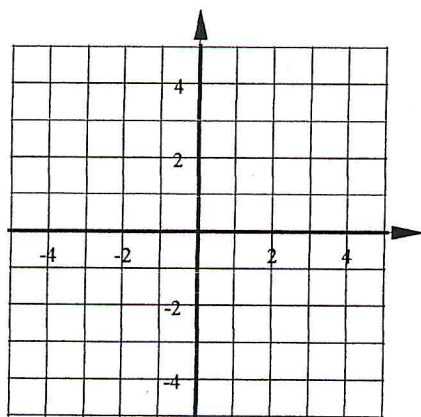
5. $4 - 2(m - 7) = 10$

6. $2 = \frac{7}{6} + \frac{8}{9}P$

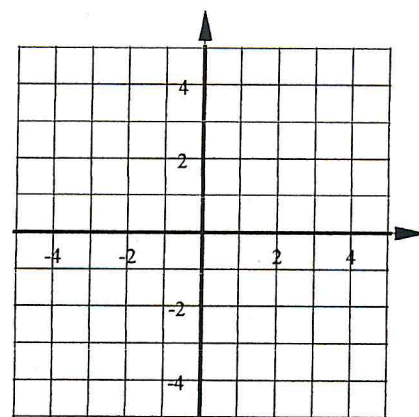
7. $-3 + 2b + 9 - 6b > 30$

8. $1 + 3(2r - 6) = 4r + 8 - 7 + 2r$

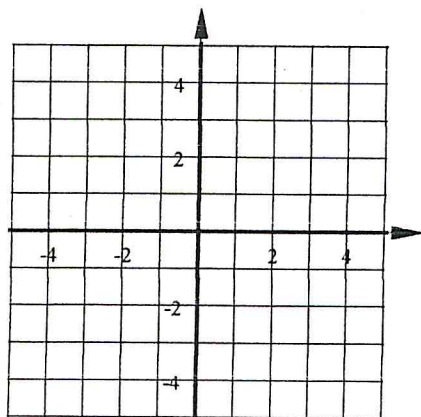
Graph each line. 9. $y = -2x + 4$



10. $y = 3$



11. $4x + 6y = 12$



12. $x = -5$

