Name: _

1. Solve the following system of equations algebraically and check:

 $\begin{aligned} x - 4y &= 16\\ y &= 1 - x \end{aligned}$

- 2. Solve the following system of equations for *x*:
 - 3x + y = 92x y = 6

- 3. Solve the following system of equations for *x*:
 - 3x + 3y = 216x 3y = 6

- 4. Which ordered pair is in the solution set of the system of inequalities shown in the graph?
 - A. (0,0)
 - B. (1,5)
 - C. (-3, 3)
 - D. (3,3)



5. Which ordered pair is in the solution set of the system of inequalities shown in the accompanying graph?

Date:

- 6. The accompanying diagram represents the graphs of the inequalities $y \ge 3$ and x < -2.

Which ordered pair names a point in the solution set of this system of inequalities?

- A. (3, 5)B. (3, -5)C. (-3, 5)D. (-3, -5) x < -2i $y \ge 3$ $y \ge 3$ $y \ge 3$
- 7. Which is a solution for the following system of equations?

$$y = x^2$$
$$y = -4x + 12$$

C. (2,4) D. (-6,24)

Acces format version 4.4.146

© 1997–2011 EducAide Software Licensed for use by Problem-Attic

Keystone Review - Systems of Equations 11/01/2012

1. Answer:	x = 4, y = -3
2. Answer:	3
3. Answer:	3
4. Answer:	А
5. Answer:	В
6. Answer:	С
7. Answer:	С