

## Verifying Solutions: Graphically

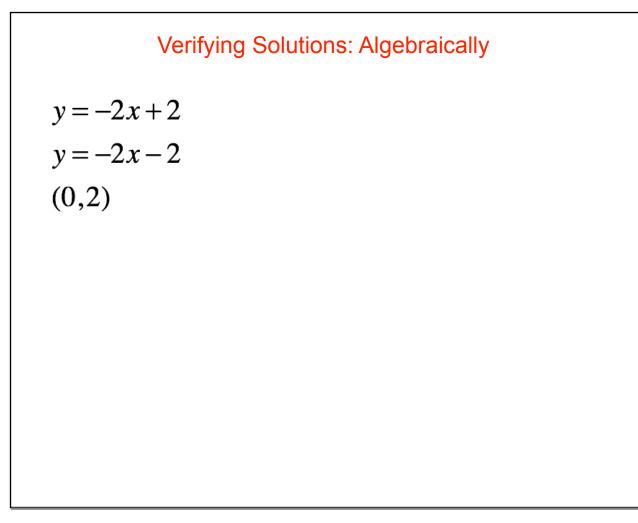
Determine if the ordered pair is a solution to the system. If not, state the correct solution.

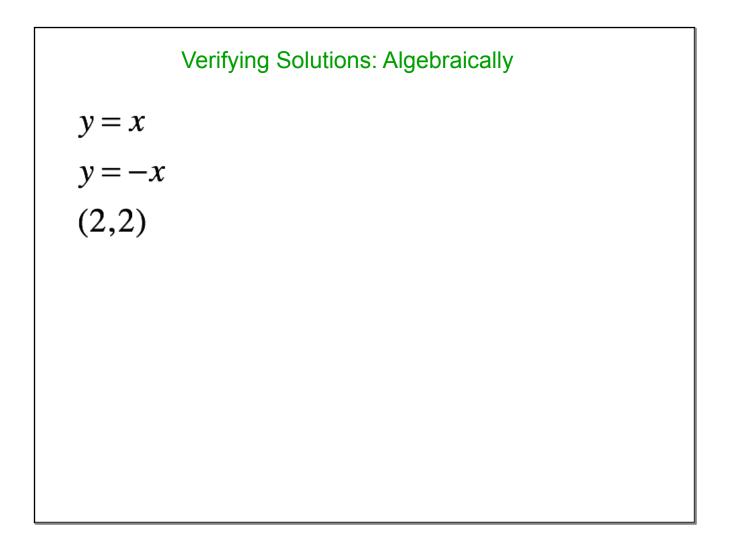
$$y = \frac{1}{3}x - 3$$
 $y = -1$  $y = 3x - 4$  $y = -x + 1$  $y = -\frac{5}{2}x + 4$  $y = -\frac{1}{2}x + 3$  $(3, -2)$  $(2, -1)$  $(0, -4)$ 

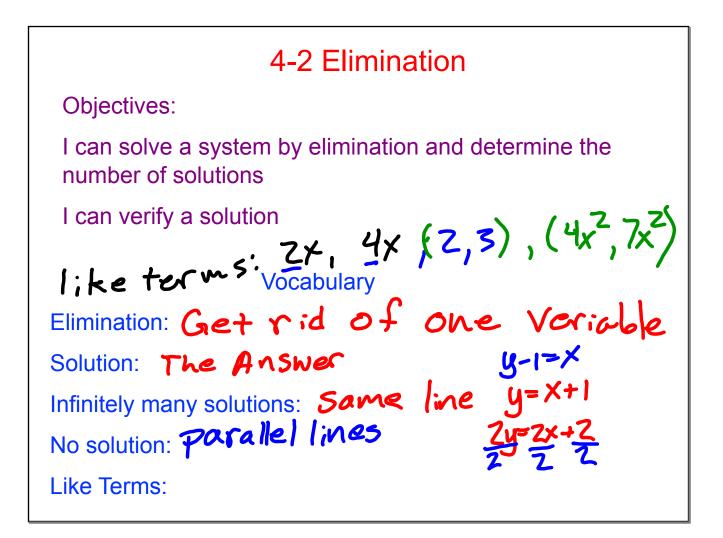


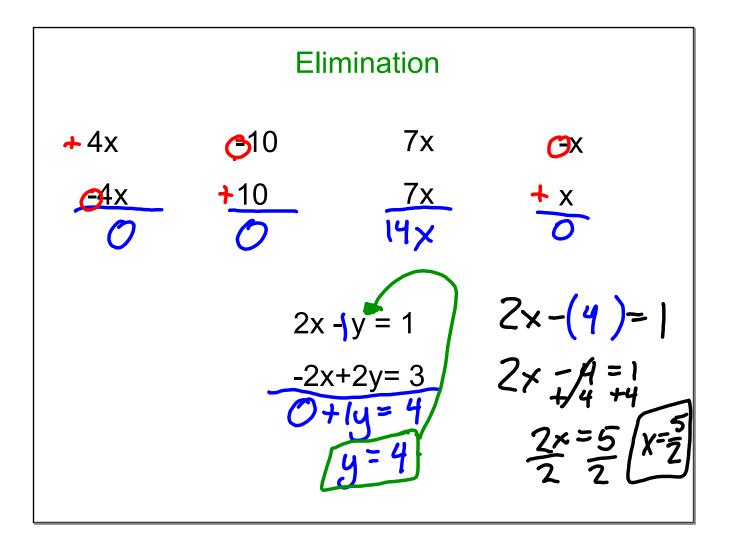
Substitute in the ordered pair to determine if it's a solution to the system.

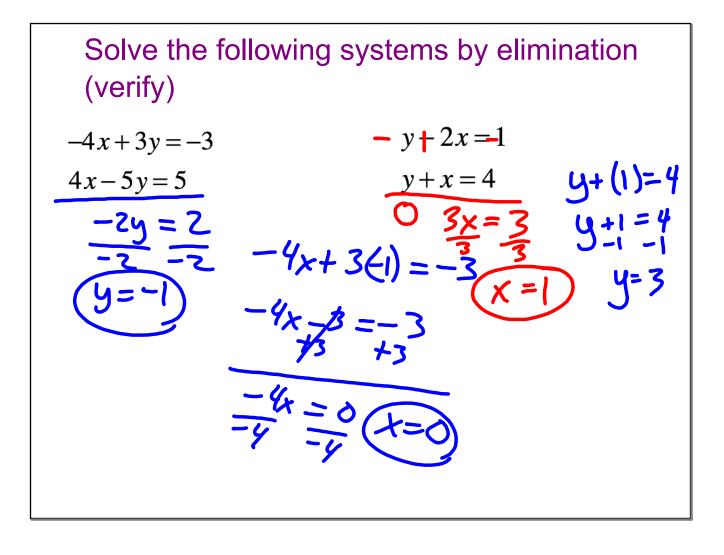
$$y = 4x + 3$$
$$y = -x - 2$$
$$(-1, -1)$$

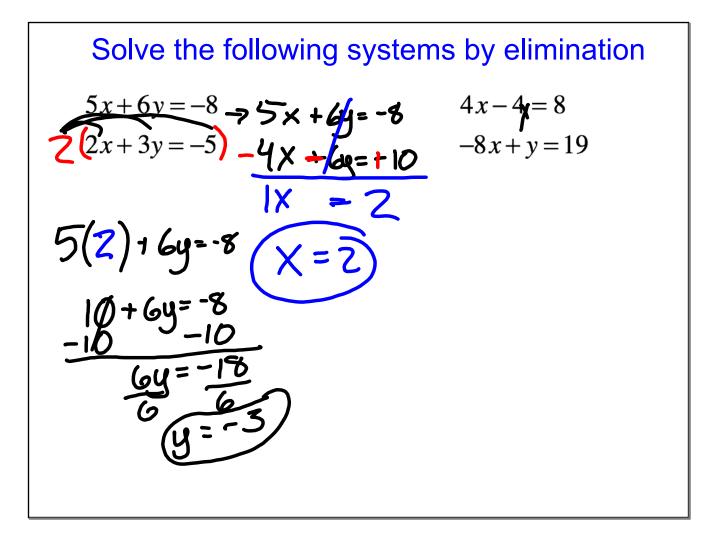


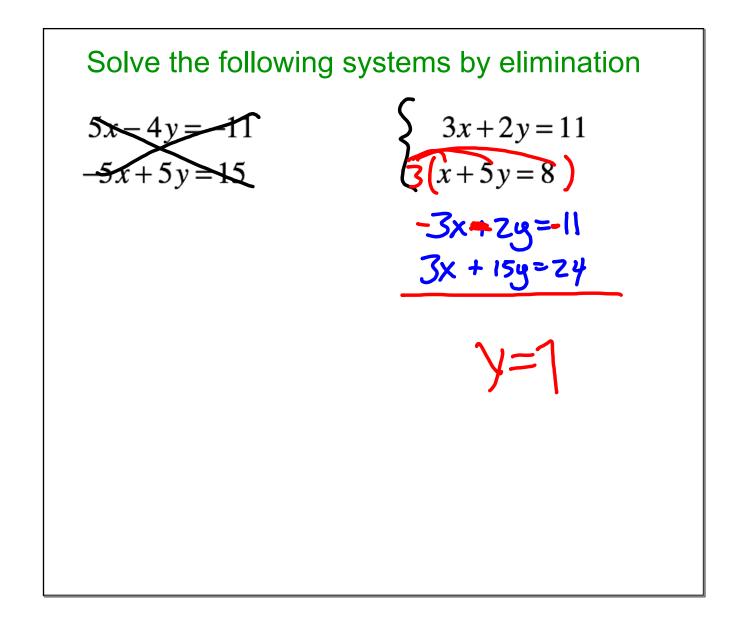












A buffet has one price for adults and another price for children. The Taylor family has 2 adults and 2 children and their bill was \$28. The Wong family has 2 adults and 3 children and their bill was \$37. What is the price for adults and children at the buffet?