

CHOOSE THE BEST METHOD!

Direction: Analyze each of the following systems of equations. Determine which method (Graphing, Substitution, or Elimination) for solving the system of equations would be best. Put a red dot in the systems box if graphing is the best method, put a green dot in the systems box if substitution is the best method and put a yellow dot in the systems box if elimination is the best method. Lastly, choose 3 systems of equations to solve. **You must make a tic-tac-toe pattern! SHOW ALL WORK!!!**

$2x + y = 9$ $y = 5x + 2$	<p>Eric sells model cars from a booth at a local flea market, He purchases each model car from a distributor for \$12 and the flea market charges him a booth fee of \$30. Eric sells each model car for \$20.</p>	$y = \frac{1}{2}x + 5$ $y = -10 + \frac{1}{2}x$
$4x + y = 2$ $x - y = 3$	$10x + 15y = 20$ $5x + 6y = 8.50$	$y = 5$ $5x + 4y = -20$
<p>The high school marching band is selling fruit baskets as a fundraiser. They sell a large basket containing 10 apples and 15 oranges for \$20. They sell a small basket containing 5 apples and 6 oranges for \$10. How much is the marching band charging for each apple and each orange?</p>	$y = 4x + 8$ $2y = 8x + 16$	<p>The Pizza Barn sells one customer 3 large pepperoni pizzas and 2 orders of breadsticks for \$30. They sell another customer 4 large pepperoni pizzas and 3 orders of breadsticks for \$41. How much does the Pizza Barn charge for each pepperoni pizza and each order of breadsticks?</p>