Student Name: _____ Date: _____

Which Way Do I Go?

Cut apart the **System Cards**. Determine which method of solving systems is most appropriate for each system. Attach your cards by the appropriate method.

Solve by Graphing	**Solve by Substitution**

Solve by Elimination	**Solve by Using Tables**

Communicating About Mathematics
Describe how you determined the best method for solving a system of equations.

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System Cards

Cut along the bold dotted line. Two sets of cards are provided.

$3x - 2y = 12$ $-2x + 2y = -8$	$y = 4x - 3$ $x + 2y = 12$	$y = \frac{1}{2}x - 2$ $y = 2x + 4$

X	Y_1	Y_2
-1	2	6
0	4	4
1	6	2

$x - 5y = 10$ $x + 2y = 2$	$x - 3y = 9$ $x = -7$

Mark rented two DVDs and three games for $31. Sam rented five DVDs and one game for $32. Find the cost of a DVD.	There are a total of 132 students taking Spanish. There are twice as many boys as girls. How many boys are in Spanish?	A1 charges $2 each to rent chairs and a $10 cleaning fee. CC's charges $3 a chair, but no cleaning fee. When will the charges be the same for both?

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