

ACTION

RESPONSE

Find the value of x and y for each of the simultaneous equations.

1. $2x + y = 7$; $5x - y = 14$

4. $2x + 5y = 16$; $2x + 3y = 8$

2. $4x + y = 17$; $2x + y = 9$

5. $5x + 2y = 4$; $4x - y = 11$

3. $5x + 2y = 13$; $x + 2y = 9$

6. $5x - 2y = 4$; $3x - 6y = 6$

Fluency



Reasoning



Two people bought some stamps. One person bought 10 second class stamps and 5 first class stamps costing £4.20. The other person bought 8 second class stamps and 10 first class stamps costing £5.40.

How much will it cost me to buy 3 second class stamps and 4 first class stamps?

Problem Solving



There is a particular value of x , and a value of y , which make all five expressions below equal in value. Can you find that x, y pair?

$2x + 3y - 20$		$x - 4y + 108$
	$4x + 5y - 72$	
$5x - 2y + 38$		$3x - y + 39$

Can you combine any expressions to create similar coefficients?



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