

# What Kind of Shoes Does a Frog Wear?

Solve each system of equations by the addition method. (You may first have to multiply both sides of one equation by  $-1$ .) Find your answer below and cross out the letter above it. When you finish, the answer to the title question will remain.

①  $5x - 2y = 4$   
 $x + 2y = 8$

⑤  $5x + y = 2$   
 $5x - 3y = 14$

⑨  $x + 2y = -2$   
 $4x + 2y = -17$

②  $-3x + 2y = 11$   
 $3x - 4y = -19$

⑥  $7x - 4y = -10$   
 $4y = x - 2$

⑩  $-6x - 5y = 20$   
 $-y = 6x + 4$

③  $3x + y = 13$   
 $x + y = 3$

⑦  $x = 5 - 9y$   
 $4x + 9y = -7$

⑪  $-3x + y = -2$   
 $-2 = 7x - y$

④  $5x - 2y = 10$   
 $x - 2y = -5$

⑧  $3x = 5y - 9$   
 $2y = 3x + 3$

⑫  $10x - 5 = 3y$   
 $2x - 3y = 1$

S	H	O	L	D	P	R	E	S	A	N	T	I	O	E	N	A	I	D	R
(0, -4)	(3, 7)	(1, 2)	(-2, -1)	(-5, 3)	(3, 4)	(1, 2)	(2, 3)	(-4, 1)	(2, -4)	(-2, 2)	(-1, -5)	(-1, 6)	(-1, 4)	(-5, 2/3)	(5, -3)	(5, -2)	(-5, 4)	(1, -3)	