

CH 5.4 PUZZLE: What has 4 legs but cannot walk?

Solve the system of linear equations.

1. $y = 3x + 8$

$$y = -3x + 8$$

C. infinitely many solutions D. no solution E. $(0, 8)$ F. $(16, 8)$

2. $4x - 5y = 9$

$$-8x + 10y = -18$$

A. infinitely many solutions B. no solution C. $(-27, 0)$ D. $(0, 9)$

3. $5x - 5y = 10$

$$7x - 14y = -28$$

I. infinitely many solutions J. no solution K. $(-4, 6)$ L. $(8, 6)$

4. $-28x + 14y = 42$

$$2x - y = 3$$

S. infinitely many solutions T. no solution U. $(3, 3)$ V. $(1, 2)$

5. $y = 6x - 17$

$$-12x + 2y = -34$$

A. infinitely many solutions B. no solution C. $(17, 0)$ D. $(0, -17)$

6. $-4x + 4y = 13$

$$3x - 3y = -19$$

A. infinitely many solutions B. no solution C. $(0, 13)$ D. $(19, 0)$

5		4	2	6	3	1
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