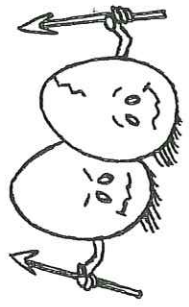


Answers.

What Were the Headlines After a Mad Scientist Trained Two Eggs to Attack a Candy Store With Sharp Sticks?

Solve each system of equations below by graphing. Cross out the box containing your answer. When you finish, print the letters from the remaining boxes in the spaces at the bottom of the page.



① $y = \frac{2}{3}x - 1$ $(3, 1)$
 $y = -x + 4$

③ $y = \frac{1}{2}x - 3$ $(-2, -4)$
 $y = \frac{3}{2}x - 1$

⑤ $x + y = 0$ $(-2, -2)$
 $3x + y = -4$

⑧ $y = -2$ $(5, -2)$
 $2x - 5y = 20$

② $y = -2x + 1$ $(2, -3)$
 $y = x - 5$

④ $y = 2x$ $(1, 2)$
 $x + y = 3$

⑥ $x = 3 - 3y$ *no solution*
 $x + 3y = -6$

⑨ $4x + 3y = -15$ $(-4, 3)$
 $y = x + 2$

⑦ $x + 2y = -4$ $(-4, 0)$
 $4y = 3x + 12$

TW	EG	OS	GS	WE	ET	SP	TR
$(-4, 0)$	$(-4, -5)$	no solution	$(4, 1)$	$(3, 1)$	$(-2, -4)$	$(-1, 6)$	$(-3, -1)$
EA	TS	RA	TI	MI	SS	NT	UP
$(-3, 5)$	$(1, 2)$	$(0, 3)$	$(2, -3)$	$(4, -3)$	$(5, -2)$	$(-1, 0)$	$(-2, 2)$

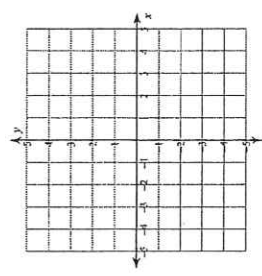
Answers.

Name _____ Date _____ Period _____

Kuta Software - Infinite Algebra I
 Solving Systems of Equations by Graphing
 Solve each system by graphing.

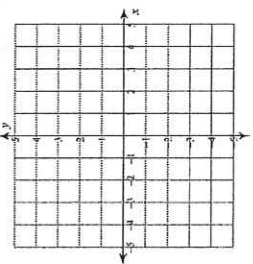
1) $y = -\frac{5}{3}x + 3$
 $y = \frac{1}{3}x - 3$

(3, -2)



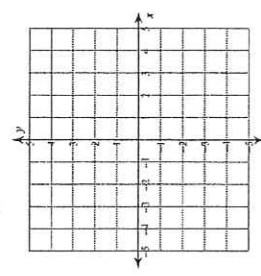
2) $y = 4x + 3$
 $y = -x - 2$

(-1, -1)



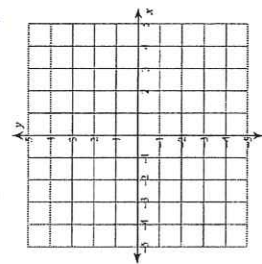
3) $y = -\frac{1}{2}x - 1$
 $y = \frac{1}{4}x - 4$

(4, -3)



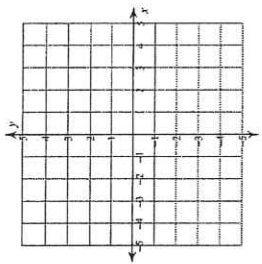
4) $y = -1$
 $y = -\frac{5}{2}x + 4$

(2, -1)



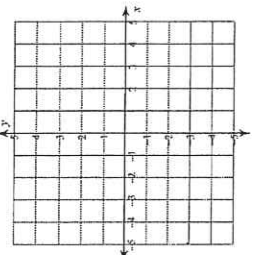
5) $y = 3x - 4$
 $y = \frac{1}{2}x + 3$

(2, 2)



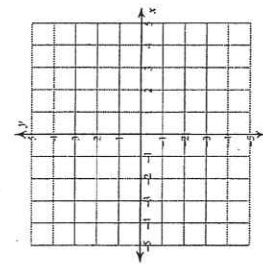
6) $y = -2x + 2$
 $y = -2x - 2$

no solution



7) $y = -\frac{1}{2}x - 2$
 $y = \frac{3}{2}x + 2$

(4, -4)



8) $y = \frac{1}{3}x - 3$
 $y = -x + 1$

(3, -2)

