

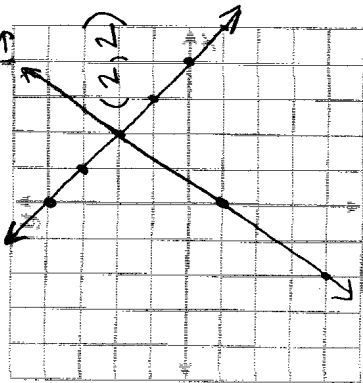
# What Did the Teacher Do With Ogar's Cheese Report?



Solve each system of equations by graphing. Cross out the letters above each correct answer. When you finish, the remaining letters will tell you the answer to the title question.

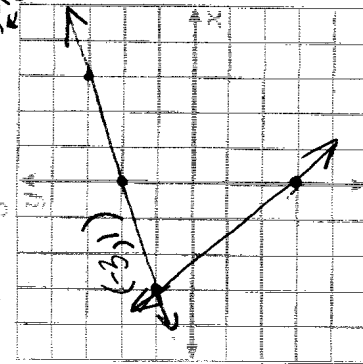
1.  $y = \frac{3}{2}x - 1$   $m = \frac{3}{2} \rightarrow b = -1$

$y = -x + 4$   $m = -1 \rightarrow b = 4$



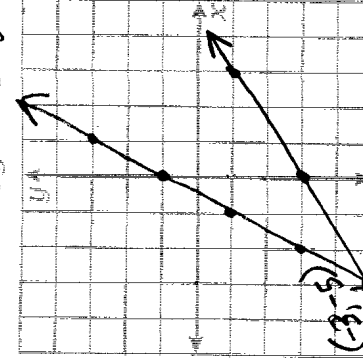
2.  $y = \frac{1}{3}x + 2$   $m = \frac{1}{3} \rightarrow b = 2$

$y = -\frac{4}{3}x - 3$   $m = -\frac{4}{3} \rightarrow b = -3$   
or  $m = \frac{4}{3} \rightarrow b = -3$



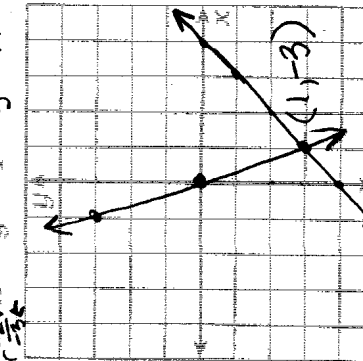
3.  $y = 2x + 1$   $m = 2 \rightarrow b = 1$

$-2x + 3y = -9$   $m = \frac{2}{3} \rightarrow b = -3$



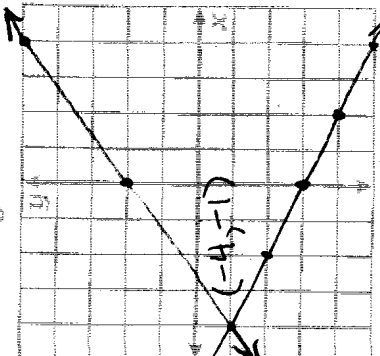
4.  $3x + y = 0$   $y = -3x$   $m = -3 \rightarrow b = 0$

$2x - y = 4$   $y = x - 4$   $m = 1 \rightarrow b = 4$   
or  $m = -1 \rightarrow b = -4$



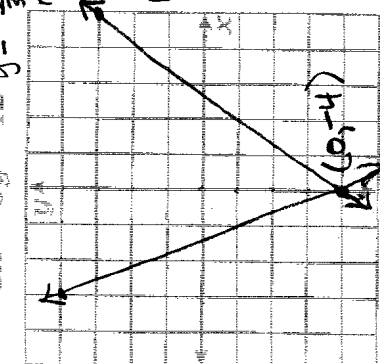
5.  $-3x + 4y = 8$

$x + 2y + 6 = 0$



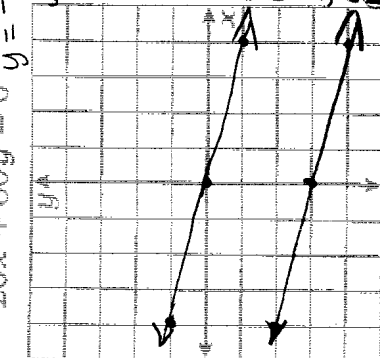
6.  $7x - 5y = 20$   $y = \frac{7}{5}x - 4$   $m = \frac{7}{5} \rightarrow b = -4$

$-8x - 3y = 12$   $y = -\frac{8}{3}x - 4$   $m = -\frac{8}{3} \rightarrow b = -4$



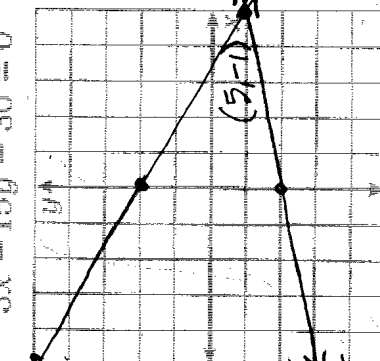
7.  $-x - 4y = 12$   $y = -\frac{1}{4}x - 3$   $m = -\frac{1}{4} \rightarrow b = -3$

$20x + 80y = 0$   $y = -\frac{1}{4}x$   $m = -\frac{1}{4} \rightarrow b = 0$



8.  $30x + 50y = 100$   $3x + 5y = 10$   $m = \frac{3}{5} \rightarrow b = -2$

$8x - 15y = 30$   $m = \frac{8}{15} \rightarrow b = -2$



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(-3, 1)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(2, 2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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(0, -4)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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(5, -1)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(1, -1)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

HE "GRATED" IT

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

$m = \frac{1}{2} \rightarrow b = -2$