Solve the following system of linear equations by graphing.

$$\begin{cases} 2x + y = -1 \\ 3y - 15 = 3x \end{cases}$$

Do Now

$y = -2x - 1$

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

$b = -1$

$3y - \cancel{15} = 3x$

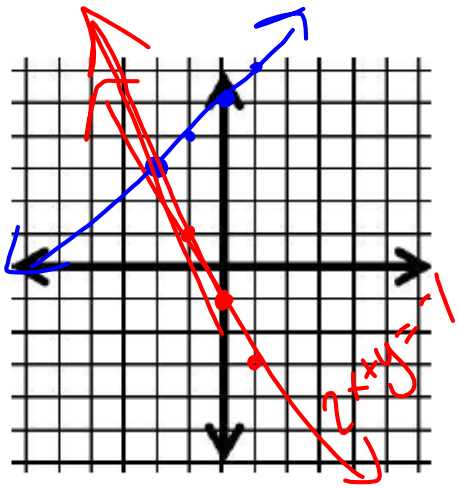
$\cancel{+15} \quad +15$

$\frac{3y}{3} = \frac{3x}{3} + \frac{15}{3}$

$y = x + 5$

Solution

$(-2, 3)$



Feb 12-6:59 AM

HW Answers

1) C
2) B
3) D
4) A
5) A
6) A
7) $4y^2(6x^3 + 4xy + 3y)$
8) D
9) D
10) B
11) A
12) A
13) C
14) D
15) B
16) $2ab(5a + 2)(5a - 2)$
17) $(k + 8)(k + 8)$
18) TYPO
19) $(n + 3)(n - 3)(n + 5)$
20) $7(a + b)(a - b)$
21) $x(x + 13)(x - 4)$
22) $(w - 6)(w + 3)$
23) $6a(2a^2b^2 - 4ab + 3)$
24) $(6x^2 - 1)(x + 2y)$
25) $(y - 12)(y - 3)$

May 20-7:19 AM