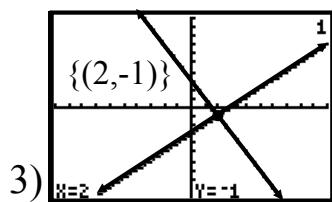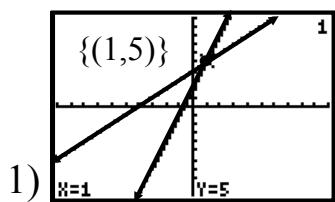|		
1) $\{(1, 5)\}$	9) $\{(1, -1)\}$	18) $\{(2, 7)\}$
3) $\{(2, -1)\}$	10) $\{(3, 5)\}$	20) $\{(-3, -4)\}$
4) $\{(-24, -8)\}$	12) $\{(3, 4)\}$	22) $\{(4000, 2000)\}$
6) $\{(-10, -42)\}$	14) $\{(-1, -2)\}$	24) $\{(2, -1)\}$
7) $\{(1, -1)\}$	16) $\{(14, 2)\}$	26) $\{(2, 3)\}$

$\{(1,5)\}$

1) $X=1$ $Y=5$

$\{(2,-1)\}$

3) $X=2$ $Y=-1$

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1) $y - x = 4 \longrightarrow$
$$y - x = 4$$
$$\underline{+x \quad +x}$$
$$y = 1x + 4$$
$$m = 1 = \frac{+}{+} \frac{rise}{run}$$
$$b = 4 ; (0,4)$$

$y = 3x + 2$
$$m: 3 = \frac{3}{1}$$
$$b = 2 ; (0,2)$$

$\{(1,5)\}$

13) $3x + 5y = 14$
$(2x - y = -1)5$

$\{(\frac{9}{13}, \frac{31}{13})\}$

$$3x + 5y = 14$$
$$\underline{10x - 5y = -5}$$
$$\frac{13x}{13} = \frac{9}{13} \qquad x = \frac{9}{13}$$

$$2(\frac{9}{13}) - y = -1$$
$$\frac{18}{13} - y = -1$$
$$-\frac{18}{13} \qquad -\frac{18}{13}$$

$$-y = \frac{-13}{13} - \frac{18}{13}$$
$$-y = \frac{-31}{13}$$

27) $\left(2x - \dfrac{5}{2}y = 13\right)2$

$\left(\dfrac{x}{3} + \dfrac{y}{3} = \dfrac{14}{15}\right)(15)$

$4x - 5y = 26$

$5x + 5y = 14$

$\dfrac{9x}{9} = \dfrac{40}{9}$

$\boxed{x = \dfrac{40}{9}}$

$\left\{\left(\dfrac{40}{9}, -\dfrac{74}{45}\right)\right\}$

$4\left(\dfrac{40}{9}\right) - 5y = 26$

$\left(\dfrac{160}{9} - 5y = 26\right)9$

$160 - 45y = 234$

$-160 \qquad -160$

$\dfrac{-45y}{-45} = \dfrac{74}{-45}$

$y = -\dfrac{74}{45}$