

61-65 \rightarrow A

55-60 \rightarrow B

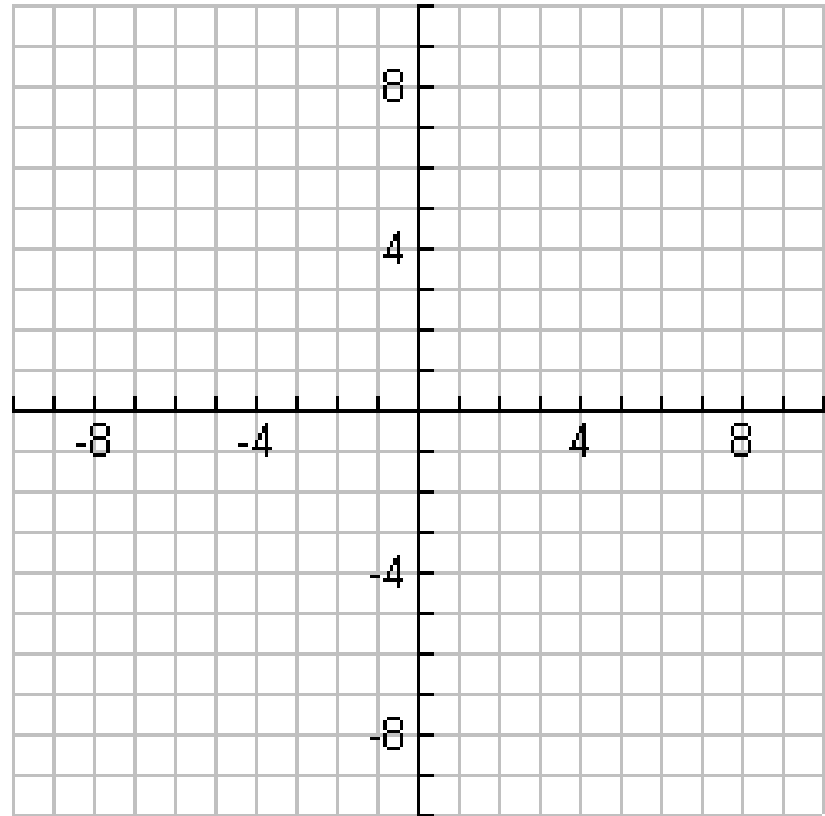
47-54 \rightarrow C

42-46 \rightarrow D

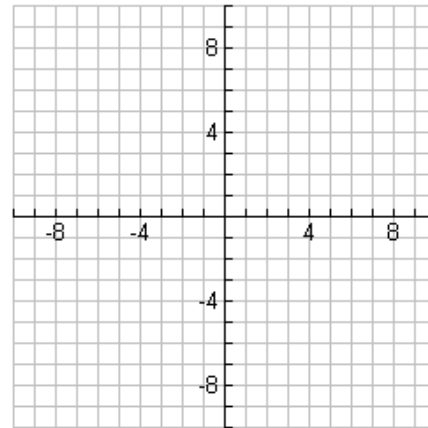
41 \downarrow \rightarrow F

	60.45
65*.84	
	54.6
65*.72	
	46.8
65*.64	
	41.6

① $y = 2x - 3$
- $y = 2x - 1$



$$\textcircled{2} \quad 4x - y = 10$$
$$-2x + 4y = 16$$



$$\textcircled{4} \quad -4x + 7y = -2 \rightarrow -4(-y - 5) + 7y = -2$$

$$* \quad \underline{x} = -x - 5$$

$$x = (-y - 5)$$

$$\underline{4y} + 20 + \underline{7y} = -2$$

$$\underline{11y} + 20 = -2$$
$$\underline{-20} \quad \underline{-20}$$

$$\underline{11y} = \underline{-22}$$
$$\underline{11} \quad \underline{11}$$

$$x = -(-2) - 5$$

$$x = 2 - 5$$

$$\boxed{x = -3}$$

$$\boxed{-3, -2}$$

$$\boxed{y = -2}$$

⑤ $7x + 4y = 5 \Rightarrow 7(6y - 19) + 4y = 5$

* $x - 6y = -19$

$$\begin{array}{r} x - 6y = -19 \\ +6y \quad +6y \\ \hline x = (6y - 19) \end{array}$$

$$42y - 133 + 4y = 5$$

$$\begin{array}{r} 46y - 133 = 5 \\ +133 \quad +133 \\ \hline \end{array}$$

$$\begin{array}{r} 46y = 138 \\ \hline 46 \quad 46 \end{array}$$

$$x = 6(3) - 19$$

$$x = 18 - 19$$

$$x = -1$$

$$(-1, 3)$$

$$y = 3$$

$$\textcircled{b} \quad \begin{array}{l} -3x + 6y = 24 \\ * \quad -2x - \underline{y} = 1 \end{array} \rightarrow -3x + 6(-2x - 1) = 24$$

$$\underline{-3x} - \underline{12x} - 6 = 24$$

$$\underline{-15x} - 6 = 24$$

$$\underline{\quad +6 \quad +6}$$

$$\underline{-15x} = \underline{30}$$

$$\underline{-15} \quad \underline{-15}$$

$$\begin{array}{r} -2x - y = 1 \\ \underline{+2x \quad +2x} \end{array}$$

$$\underline{-y} = \underline{2x + 1}$$

$$y = (-2x - 1)$$

$$x = -2$$

$$y = -2(-2) - 1$$

$$y = 4 - 1$$

$$y = 3$$

$$(-2, 3)$$

$$\textcircled{7} \begin{array}{l} 4(2x + y = 0) \rightarrow 8x + 4y = 0 \\ 5x - 4y = 26 \rightarrow + 5x - 4y = 26 \\ \hline 13x = 26 \\ \frac{13x}{13} = \frac{26}{13} \end{array}$$

$$x = 2$$

$$5(2) - 4y = 26$$

$$10 - 4y = 26$$

$$\begin{array}{r} -10 \quad -10 \\ \hline -4y = 16 \\ \frac{-4y}{-4} = \frac{16}{-4} \end{array}$$

$$y = -4$$

$$(2, -4)$$

⑧ $(X+Y=7) \rightarrow -x-y=-7$
 $X+2y=11 \rightarrow X+2y=11$

$Y=4$

$X+2(4)=11$
 $X+8=11$
 $-8 \quad -8$

$X=3$

$(3,4)$

$$\textcircled{10} \quad \begin{array}{l} -4(5e + 4f = 9) \rightarrow -20e - 16f = -36 \\ 5(4e + 5f = 9) \rightarrow 20e + 25f = 45 \end{array}$$

4

$$\frac{9f = 9}{9} \quad \frac{9}{9}$$

$$f = 1$$

$$4e + 5(1) = 9$$

$$\begin{array}{r} 4e + 5 = 9 \\ -5 \quad -5 \\ \hline 4e = 4 \\ \frac{4}{4} = \frac{4}{4} \end{array}$$

$$e = 1$$

$$(1, 1)$$

$$\textcircled{11} \begin{cases} 4x + 4y = -8 \\ 2x - 2y = -4 \end{cases}$$

$$\begin{array}{r} \rightarrow 4x + 4y = -8 \\ \underline{-4x \quad -4} \\ 4y = -4y - 8 \\ \frac{4y}{4} = \frac{-4y}{4} - \frac{8}{4} \end{array}$$

$$\boxed{y = -1x - 2}$$

$$\begin{array}{r} \rightarrow 2x - 2y = -4 \\ \underline{-2x \quad -2} \\ -2y = -2x - 4 \\ \frac{-2y}{-2} = \frac{-2x}{-2} - \frac{4}{-2} \end{array}$$

$$\boxed{y = 1x + 2}$$

$$y = 1(-2) + 2$$

$$y = -2 + 2$$

$$\boxed{y = 0}$$

$$\begin{array}{r} y = y \\ -(x - 2) = 1x + 2 \\ \underline{+1x \quad +1x} \\ -2 = 2x + 2 \\ \underline{-2 \quad -2} \end{array}$$

$$\frac{-4}{2} = \frac{2x}{2}$$

$$\boxed{x = -2}$$

$$\boxed{(-2, 0)}$$

⑫ $-6x + 2y = -2$
 $-4x - y = 8$

$y = 3x - 1$

$y = -4x - 8$

$y = -4(-1) - 8$

$y = 4 - 8$

$y = -4$

$y = y$
 $3x - 1 = -4x - 8$
 $+4x \quad +4x$

$7x - 1 = -8$
 $+1 \quad +1$

$\frac{7x}{7} = \frac{-7}{7}$

$x = -1$

$(-1, -4)$

$$\textcircled{13} \begin{aligned} 15x - 5y &= -20 \\ -3x + y &= 4 \end{aligned}$$

$$\begin{aligned} &\rightarrow 15x - 5y = -20 \\ &\quad +15x \quad -15x \\ \hline &\quad -5y = -15x - 20 \\ &\quad -5 \quad -5 \quad -5 \\ \hline &\quad y = 3x + 4 \end{aligned}$$

$$\begin{aligned} &\rightarrow -3x + y = 4 \\ &\quad +3x \quad +3x \\ \hline &\quad y = 3x + 4 \end{aligned}$$

Same Slope
Same y-int
 \Rightarrow Same equation
 $\Rightarrow \infty$ Many Solⁿ

$$\textcircled{14} \begin{aligned} 2x + y &= -1 \\ -6x - 3y &= -15 \end{aligned}$$