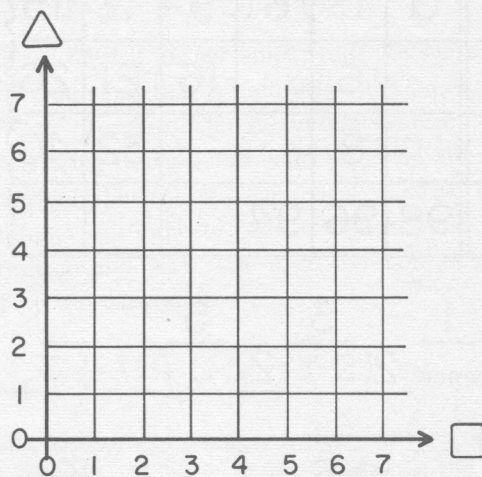
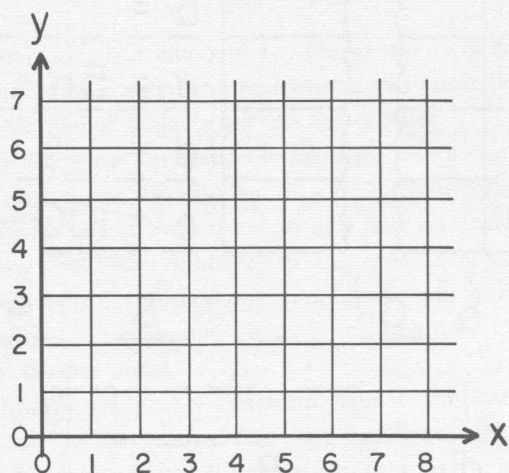


Place points from solution sets onto graph and draw lines.

Solution sets. Order (x, y)

(1) $\begin{cases} x = y \text{ ----- } \{ (4,4), (0,0), (2,), (5,), (3,), (1,) \dots \} \\ x + y = 6 \text{ ----- } \{ (0,6), (1,5), (2,), (,3), (,2), (,1), (,0) \} \end{cases}$ Intersection $\left\{ (,) \right\}$

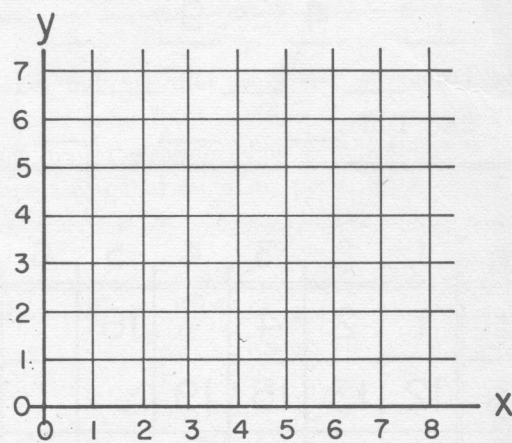
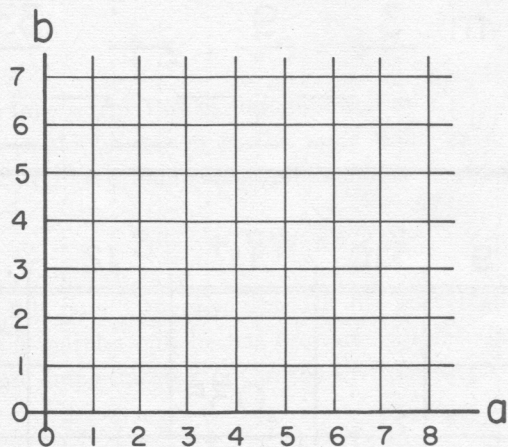


Order (□, △)

(2) $\begin{cases} \square = 2 \times \triangle \text{ --- } \{ (0,0), (2,1), (,), (,), (,), (,) \dots \} \\ \square - \triangle = 3 \text{ --- } \{ (3,0), (4,1), (,), (,), (,), (,) \dots \} \end{cases}$ Intersection $\left\{ (,) \right\}$

Order (a, b)

(3) $\begin{cases} 2a = b - 1 \text{ ---- } \{ (0,1), (,), (,), (,), (,), (,) \dots \} \\ a + 3 = b \text{ ---- } \{ (0,3), (,), (,), (,), (,), (,) \dots \} \end{cases}$ Intersection $\left\{ (,) \right\}$

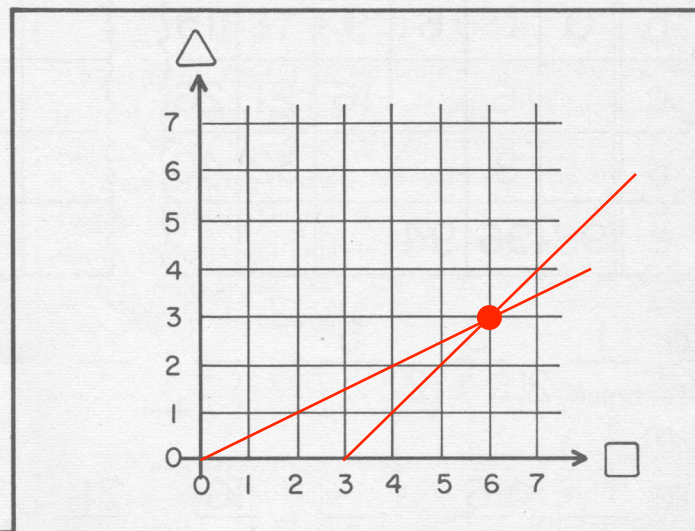
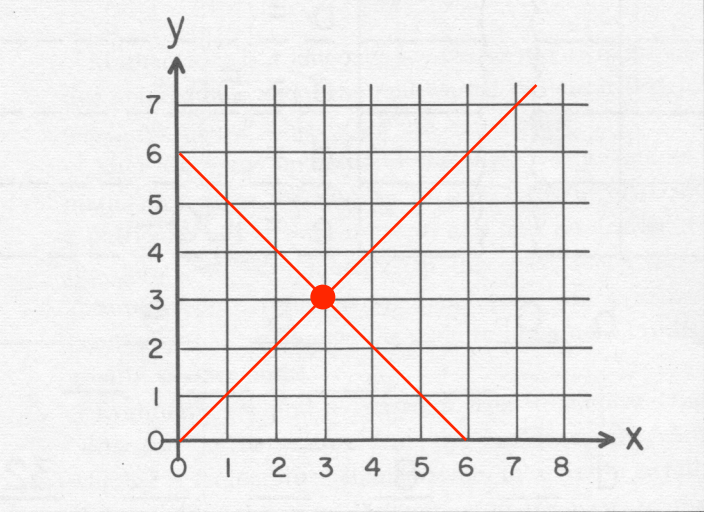


Order (x, y)

(4) $\begin{cases} xy = 6 \text{ ----- } \{ (1,6), (,), (,), (,) \} \\ 2x - y = 1 \text{ ---- } \{ (1,1), (,), (,), (,), (,), (,) \dots \} \end{cases}$ Intersection $\left\{ (,) \right\}$

Solution sets. Order (x, y)

(1) $\begin{cases} x = y \\ x + y = 6 \end{cases}$ --- $\left\{ (4,4), (0,0), (2,2), (5,5), (3,3), (1,1) \dots \right\}$ --- Intersection $\left\{ (3,3) \right\}$
 $\left\{ (0,6), (1,5), (2,4), (3,3), (4,2), (5,1), (6,0) \right\}$

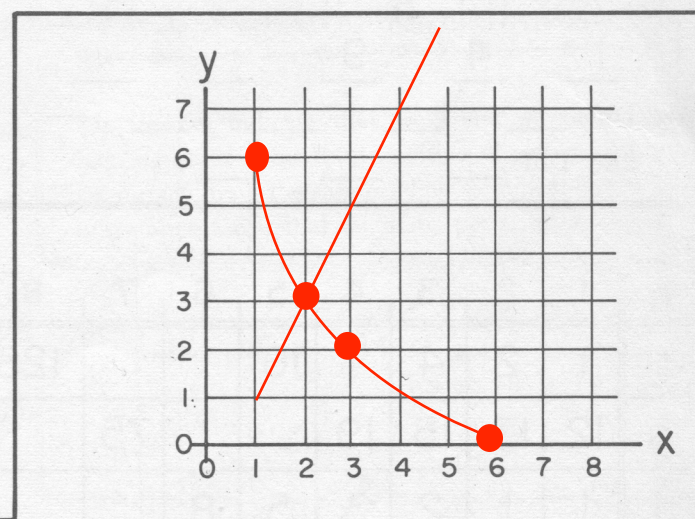
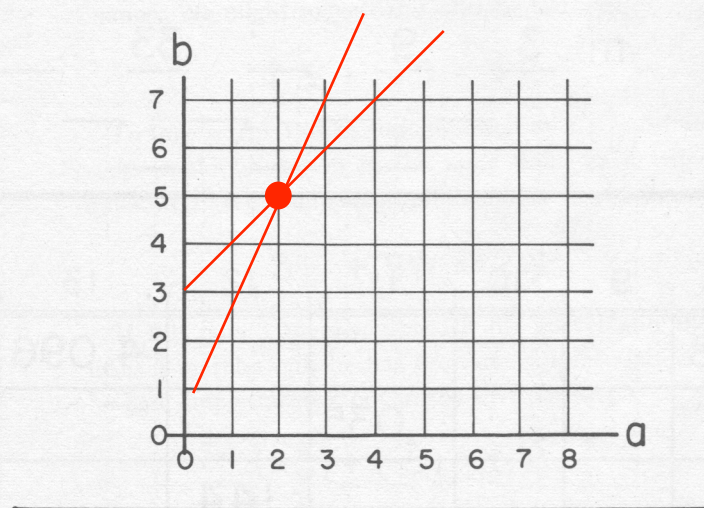


Order (□, Δ)

(2) $\begin{cases} \square = 2 \times \Delta \\ \square - \Delta = 3 \end{cases}$ --- $\left\{ (0,0), (2,1), (4,2), (6,3), (8,4), (1,5) \dots \right\}$ --- Intersection $\left\{ (6,3) \right\}$
 $\left\{ (3,0), (4,1), (5,2), (6,3), (,), (,) \dots \right\}$

Order (a, b)

(3) $\begin{cases} 2a = b - 1 \\ a + 3 = b \end{cases}$ --- $\left\{ (0,1), (1,3), (2,5), (3,7), (,), (,) \dots \right\}$ --- Intersection $\left\{ (2,5) \right\}$
 $\left\{ (0,3), (1,4), (2,5), (3,6), (,), (,) \dots \right\}$



Order (x, y)

(4) $\begin{cases} xy = 6 \\ 2x - y = 1 \end{cases}$ --- $\left\{ (1,6), (2,3), (3,2), (6,1) \right\}$ --- Intersection $\left\{ (2,3) \right\}$
 $\left\{ (1,1), (2,3), (3,5), (4,7), (,) (,) \dots \right\}$