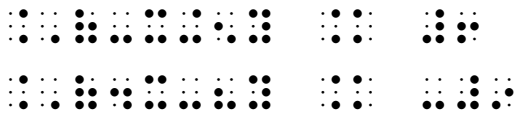
Enlarged Braces Examples with SimBraille

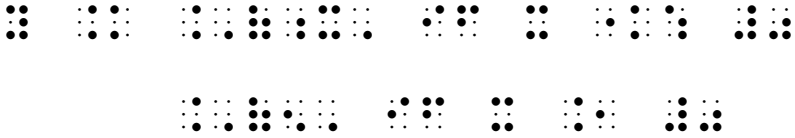
1. The system of equations negative x plus five y equals six and four x minus eight y equals negative nine is written

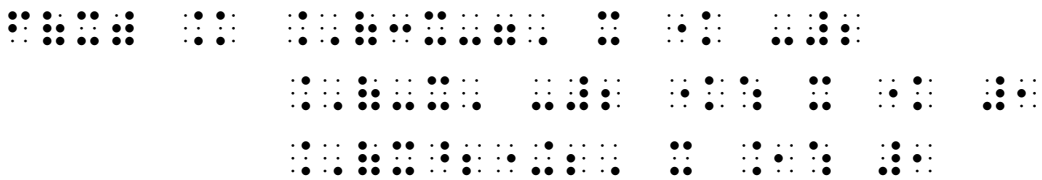
$$\begin{cases} -x + 5y = 6 \\ 4x - 8y = -9 \end{cases}$$



2. The compound, or piecewise function, y equals x if x is less than or equal to zero and five if x is greater than zero is written

$$y = \begin{cases} x, \ x \leq 0 \\ 5, \ x > 0 \end{cases}$$



3. The compound, or piecewise function f of x equals three x minus seven when x is less than negative two, negative x when negative two is less than or equal to x is less than one, and x squared plus two when x is greater than or equal to one is written

$$f\left(x\right)=\begin{cases}3x-7, x<-2\\ -x, -2\le x<1\\ x^2+2, x\ge 1\end{cases}$$