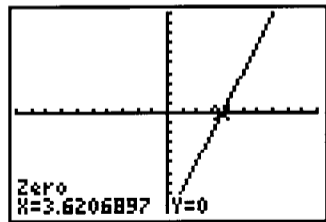


13 (a)  $3.1(x - 5) = \frac{1}{5}x - 5 \Rightarrow 3.1(x - 5) - 0.2x + 5 = 0$ . Graph  $Y_1 = 3.1(X - 5) - 0.2X + 5$  as shown in *Figure 13a*. The  $x$ -intercept is located at  $x \approx 3.621$ .

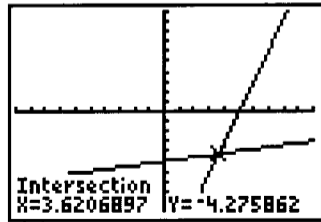
(b) Graph  $Y_1 = 3.1(X - 5)$  and  $Y_2 = 0.2X - 5$ . Their graphs intersect near  $(3.6207, -4.2759)$ . The solution is  $x \approx 3.621$ . See *Figure 13b*.

$[-10, 10, 1]$  by  $[-10, 10, 1]$



*Figure 13a*

$[-10, 10, 1]$  by  $[-10, 10, 10]$



*Figure 13b*