

25 Let $Y_1 = 6X + 0.75 - (X - 5)/9$ and determine the x -values where $Y_1 = 0$. This corresponds to the x -intercept method. The results are shown in *Figure 25*. The solution occurs when $x \approx -0.22$, or rounded to the nearest tenth when $x \approx -0.2$.

X	Y ₁	
-.25	-.1667	
-.24	-.1078	
-.23	-.0489	
-.22	.01	
-.21	.06889	
-.2	.12778	
-.19	.18667	

X = -.22

Figure 25