

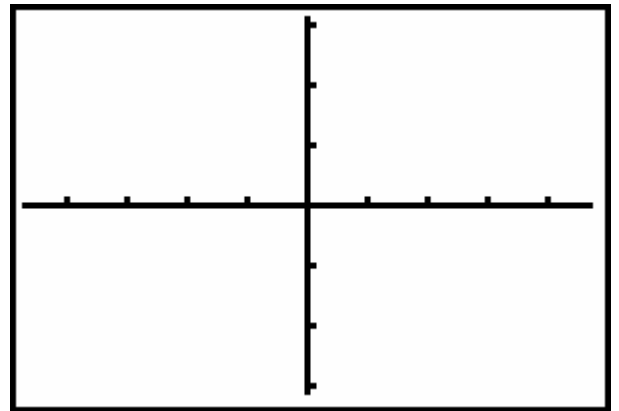
SOLVING LINEAR EQUATIONS GRAPHICALLY AND ALGEBRAICALLY

Solve the given equation algebraically.

$$-\frac{2}{5}x + x + \frac{7}{5} = -\frac{1}{5}(17 - x)$$

Let $Y1 = -\frac{2}{5}x + x + \frac{7}{5}$ and let $Y2 = -\frac{1}{5}(17 - x)$

Graph both Y1 and Y2 on the **integer** screen, and draw a sketch of your graphs.



Explain how your graphs verify your algebraic solution.