

1.127
4

$$5\sqrt[15]{x^{22}} + \sqrt[15]{x^{14} \cdot \sqrt{x}} - 22\sqrt[15]{x^7} \geq 0$$

$x \geq 0$. . .

$$\sqrt[15]{x^7} \cdot (5\sqrt[15]{x^{15}} + \sqrt[15]{x^{7.5}} - 22) \geq 0$$

$x=0$

$t = \sqrt{x}$ (no)

$$5t^2 + t - 22 = 0$$

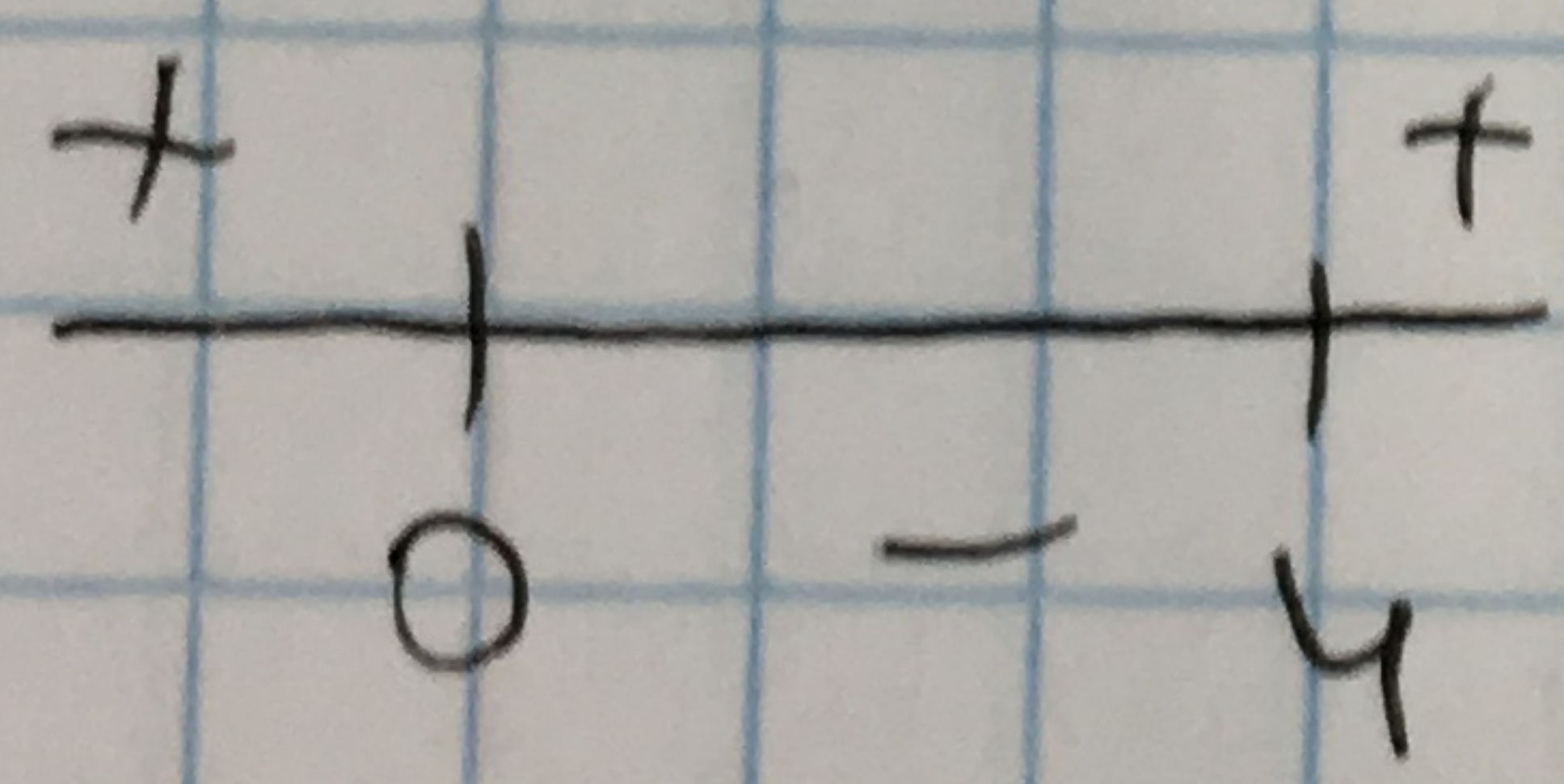
$$5(t + \frac{11}{5})(t - \frac{10}{5}) = 0$$

$t = -\frac{11}{5}$

$t = 2$

$\sqrt{x} = 2$

$x = 4$



$x \leq 0$ or $x \geq 4$

תחילת הפתרון היא $x \geq 4$