

0.28
2

$$\Delta \geq 0$$

$$0 \leq m^2 - 4(3-m) = m^2 + 4m - 12$$



$$m \leq -6$$

$$m \geq 2$$

$$10 \left| \frac{1}{x_1} + \frac{1}{x_2} \right| \geq -m$$

הערה 21 פולד

$$10 \left| \frac{x_2 + x_1}{x_1 \cdot x_2} \right| \geq -m$$

$$10 \left| \frac{-m}{3-m} \right| \geq -m$$

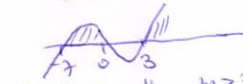
$$10 \left(\frac{-m}{3-m} \right) \geq -m$$

$$10 \left(\frac{-m}{3-m} \right) \leq m$$

$$0 \leq \frac{-10m}{3-m} + m = \frac{-m^2 - 7m}{3-m}$$

$$\frac{-10m}{3-m} - m \leq 0$$

$$\frac{m^2 - 13m}{3-m} \leq 0$$



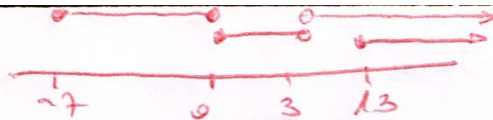
$-7 \leq m \leq 0$ וכן $m > 3$

~~0 < m < 3~~

$$0 \leq m < 3$$

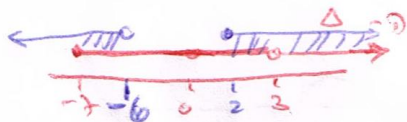


וכן $m \geq 13$



פולד

הערה 21 פולד



$$-7 < m < 3 \quad \text{וכן} \quad m > 3$$

הערה 21 פולד

$$2 \leq m < 3, m > 3$$

$$-7 \leq m \leq -6$$