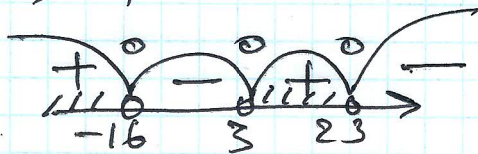


$$1) (x-3)(16+x)(23-x) > 0$$

$$x_1 = 3$$

$$x_2 = -16$$

$$x_3 = 23$$



$$\text{Answer: } x \in (-\infty; -16) \cup (3; 23)$$

$$2) \left(\frac{1}{2} - x\right)(x+2)(x+7) \leq 0$$

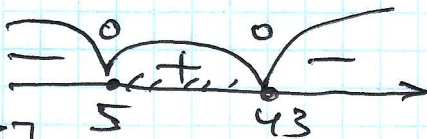
$$x_1 = \frac{1}{2}; x_2 = -2; x_3 = -7$$



$$\text{Answer: } x \in [-7; -2] \cup \left[\frac{1}{2}; +\infty\right)$$

$$3) (x-43)(5-x) \geq 0$$

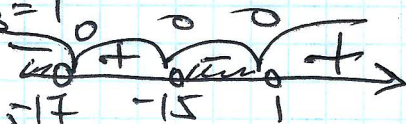
$$x_1 = 43; x_2 = 5$$



$$\text{Answer: } x \in [5; 43]$$

$$4) (x+17)(15+x)(x-1) < 0$$

$$x_1 = -17; x_2 = -15; x_3 = 1$$



$$\text{Answer: } x \in (-\infty; -17) \cup (-15; 1)$$

$$5) \left(x - \frac{1}{3}\right)\left(x + \frac{1}{7}\right) > 0$$

$$x_1 = \frac{1}{3}; x_2 = -\frac{1}{7}$$



$$\text{Answer: } x \in (-\infty; -\frac{1}{7}) \cup \left(\frac{1}{3}; +\infty\right)$$