

4.13
23

$$f(x) = 2\sqrt{|x-3-18-x|}$$

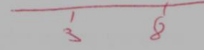
$$|x-3-18-x| \geq 0$$

מחלק הזכר:

החלק הפנימי

$$3 < x < 8 \quad \text{P1} \quad 0 \leq x-3-(8-x) = 2x-11$$

$$\boxed{5.5 \leq x < 8}$$



$$8 \leq x \quad \text{P1} \quad 0 \leq (x-3)+(8-x)$$

$$0 \leq 5 \rightarrow x \in \mathbb{R}$$

$$\boxed{8 \leq x}$$

$$x \leq 3 \quad \text{P1} \quad 0 \leq -(x-3)-(8-x) = -5$$

\emptyset

$$\boxed{5.5 \leq x}$$

התשובה