$$x_{A_1Z} = 6 \pm \sqrt{25 + y} \in (-\infty, 5)$$
 $y \ge -25$
 $y_1 = 6 + \sqrt{25 + y} \le 5$
 $\sqrt{15} + y \le -1$
 $y = / 5$
 $x_2 = 6 - \sqrt{25 + y} \le 5$
 $\sqrt{25 + y} \ge 1$
 $y \ge -24$
 $y \ge -24$
 $y \ge -24$