

$$2 \leq x < 5$$

$$4 \leq x^2 \leq 25$$

$$[x]^2 = [x^2] \quad x$$

4

→

$$4 \leq x^2 < 5$$

9

→

$$9 \leq x^2 < 10$$

16

→

$$16 \leq x^2 < 17$$

$$2 \leq x < \sqrt{5}$$

$$3 \leq x < \sqrt{10}$$

$$4 \leq x < \sqrt{17}$$