

In your notebook Bell
work/SAT section (first
section)

$$\sqrt{k+2} - \textcircled{x} = 0$$

In the equation above,
k is a constant. If $x=9$
what is the value of K.

$$\begin{array}{l} 79 \\ \sqrt{k+2} - 9 = 0 \\ +9 \quad +9 \\ \sqrt{k+2} = 9^2 \quad \checkmark \\ k+2 = 81 \\ -2 \quad -2 \\ \boxed{k = 79} \end{array}$$

$$\begin{array}{l} 77 \\ \sqrt{k+2} + 9 = 0 \\ +9 \quad +9 \\ \sqrt{k+2} = 9^2 \\ k+2 = 81 \\ -2 \quad -2 \\ \boxed{k = 79} \end{array}$$

$$\begin{array}{l} 7 \\ \sqrt{k+2} - 9 = 0 \\ \sqrt{k+2} = 9 \\ k = 7 \\ \sqrt{k+2} - 9 = 0 \end{array}$$