Problem 1: Solve the given equation: $y^2 - x = \sqrt{5}$

$ Inline Math Mode $ $\qquad y^2 - x = \sqrt{5}$

\[Own Line Math Mode \]
$$y^2 - x = \sqrt{5}$$

\\ - Skipline

\begin{align*}
& - where to align everything by
\end{align*}

$$y^2 - x = \sqrt{5}$$
$$y^2 = x + \sqrt{5}$$
$$y = \pm\sqrt{x + \sqrt{5}}$$

(a) Lists

(b) Lists

(c) Lists