Squaring $\sqrt{4x + 13} - 3$:

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$$(\sqrt{4x + 13} - 3)^2 = (\sqrt{4x + 13} - 3)(\sqrt{4x + 13} - 3)$$

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$$(\sqrt{4x + 13} - 3)^2 = (\sqrt{4x + 13} - 3)(\sqrt{4x + 13} - 3)$$
$$= 4x + 13$$

Squaring $\sqrt{4x + 13} - 3$:

$$(\sqrt{4x + 13} - 3)^2 = (\sqrt{4x + 13} - 3)(\sqrt{4x + 13} - 3)$$
$$= 4x + 13 - 3\sqrt{4x + 13}$$

Squaring $\sqrt{4x + 13} - 3$:

$$(\sqrt{4x + 13} - 3)^2 = (\sqrt{4x + 13} - 3)(\sqrt{4x + 13} - 3)$$
$$= 4x + 13 - 3\sqrt{4x + 13} - 3\sqrt{4x + 13}$$

Squaring $\sqrt{4x+13} - 3$:

$$(\sqrt{4x+13} - 3)^2 = (\sqrt{4x+13}-3)(\sqrt{4x+13}-3)$$
$$= 4x + 13 - 3\sqrt{4x+13} - 3\sqrt{4x+13} + 9$$

Squaring $\sqrt{4x+13} - 3$:

$$(\sqrt{4x+13} - 3)^2 = (\sqrt{4x+13} - 3)(\sqrt{4x+13} - 3)$$
$$= 4x + 13 - 3\sqrt{4x+13} - 3\sqrt{4x+13} + 9$$

Squaring $\sqrt{4x + 13} - 3$:

$$
\begin{aligned}
(\sqrt{4x + 13} - 3)^2 &= (\sqrt{4x + 13} - 3)(\sqrt{4x + 13} - 3) \\
&= 4x + 13 - 3\sqrt{4x + 13} - 3\sqrt{4x + 13} + 9 \\
&= 4x + 22 - 6\sqrt{4x + 13}
\end{aligned}
$$