Indexed Root Examples with SimBraille

1. The fifth root of thirty-two is written
   \[ \sqrt[5]{32} \]
   \[ .k \]

2. The cube root of negative sixty-four is written
   \[ \sqrt[3]{-64} \]
   \[ .k \]

3. Three times the fourth root of \( x \) plus \( y \) end root is written
   \[ 3\sqrt[4]{x + y} \]
   \[ .k \]

4. Eight minus the cube root of \( x \) end root is written
   \[ 8 - \sqrt[3]{x} \]
   \[ .k \]

5. The sixth root of \( x \) end root plus five is written
   \[ \sqrt[6]{x + 5} \]
   \[ .k \]

6. The third root of the fourth root of \( x \) end root equals the twelfth root of \( x \) end root is written
   \[ \sqrt[3]{\sqrt[4]{x}} = \sqrt[12]{x} \]
   \[ .k \]