

$$\begin{array}{r} + 5224 \\ 3987 \\ \hline \end{array} \quad \begin{array}{r} + 1326 \\ 7786 \\ \hline \end{array} \quad \begin{array}{r} + 5624 \\ 1876 \\ \hline \end{array}$$
$$\begin{array}{r} \text{_}5224 \\ +1668 \\ \hline \end{array} \qquad \begin{array}{r} \text{_}9326 \\ +4869 \\ \hline \end{array} \qquad \begin{array}{r} \text{_}5624 \\ +1876 \\ \hline \end{array}$$
$$\begin{array}{r} 2905 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2346 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1654 \\ \times 4 \\ \hline \end{array}$$

The image displays three examples of the Tower of Hanoi puzzle, each showing a sequence of moves represented by boxes and arrows. The moves are numbered 1 through 8, and the sequence is indicated by a number (1078, 5732, or 2142) and a final number (7, 2, or 6).

- Example 1:** The sequence is 1078, 7. The moves are represented by boxes and arrows. The final state shows the disks in the order 1, 2, 3, 4, 5, 6, 7, 8.
- Example 2:** The sequence is 5732, 2. The moves are represented by boxes and arrows. The final state shows the disks in the order 1, 2, 3, 4, 5, 6, 7, 8.
- Example 3:** The sequence is 2142, 6. The moves are represented by boxes and arrows. The final state shows the disks in the order 1, 2, 3, 4, 5, 6, 7, 8.