

Dice Towers

by Aloysius '27

$$\begin{array}{c} 126 \\ \square \\ \begin{array}{ccc} 4 & & ? \\ & \square & \\ & 2 & \end{array} \end{array}$$

$$\begin{array}{c} 0.2 \\ \square \\ \begin{array}{ccc} 27 & & ? \\ & \square & \\ & 1 & \end{array} \end{array}$$

$$\begin{array}{c} 21 \\ \square \\ \begin{array}{ccc} 0.4 & & ? \\ & \square & \\ & 9 & \end{array} \end{array}$$

$$\begin{array}{c} -4 \\ \square \\ \begin{array}{ccc} 25 & & ? \\ & \square & \\ & 13 & \end{array} \end{array}$$

$$\begin{array}{c} 28 \\ \square \\ \begin{array}{ccc} 0.2 & & ? \\ & \square & \\ & 6 & \end{array} \end{array}$$

$$\begin{array}{c} 20 \\ \square \\ \begin{array}{ccc} -16 & & ? \\ & \square & \\ & 19 & \end{array} \end{array}$$

$$\begin{array}{c} 165 \\ \square \\ \begin{array}{ccc} -7 & & ? \\ & \square & \\ & 6 & \end{array} \end{array}$$

$$\begin{array}{c} 5 \\ \square \\ \begin{array}{ccc} 15 & & ? \\ & \square & \\ & -7 & \end{array} \end{array}$$

$$\begin{array}{c} 3 \\ \square \\ \begin{array}{ccc} -1 & & ? \\ & \square & \\ & 105 & \end{array} \end{array}$$

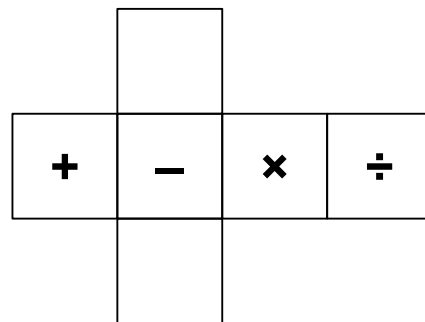
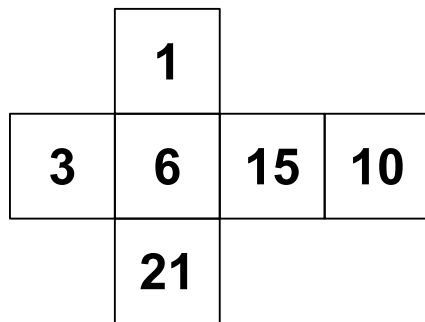
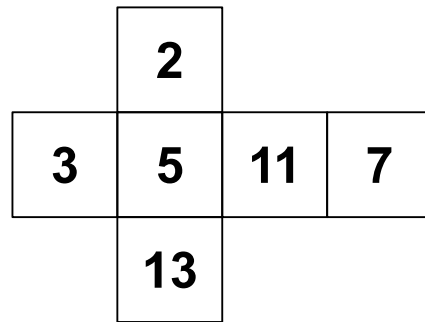
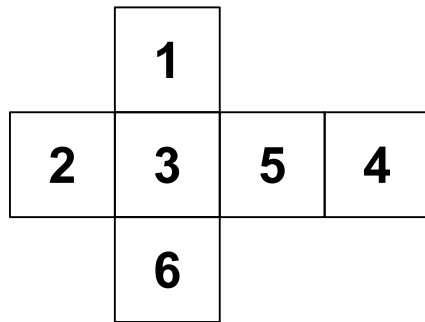
$$\begin{array}{c} 2 \\ \square \\ \begin{array}{ccc} 42 & & ? \\ & \square & \\ & -1 & \end{array} \end{array}$$

$$\begin{array}{c} 21 \\ \square \\ \begin{array}{ccc} 11 & & ? \\ & \square & \\ & -5 & \end{array} \end{array}$$

$$\begin{array}{c} 30 \\ \square \\ \begin{array}{ccc} 1/13 & & ? \\ & \square & \\ & 17 & \end{array} \end{array}$$

MIT Aquarium Puzzle Hunt 2025

This puzzle came with four cubes, with cube nets as follows:



Photos of the cubes:

