

Logic Puzzles images



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Logic Puzzles numbers is a fun series of BOOM cards that test a student's mental math skills with basic arithmetic through a fun game of trying to find the right numbers to make all the sums work.

In this level, a 2x2 or 3x3 grid is displayed into which the student must place 4 or 9 numbers. These numbers, together with the operators between them, create equations in both directions (horizontally and vertically) to make 4 or 6 additional numbers. Only the correct permutation of numbers added to the grid will result in the equations all working out correctly.

In this deck, a combination of addition, subtraction, multiplication & division equations are presented. Check out my other decks for similar math puzzles but with addition, subtraction, division, etc. and even various combination of operators together.

- Level 1 (2x2 grids - addition)
- Level 2 (2x2 grids - subtraction & addition)
- Level 3 (2x2 grids - multiplication & division)
- Level 4 (2x2 & 3x3 grids - addition, subtraction, multiplication & division)

BOOM card featuring a 2x2 grid of empty boxes for numbers. The equations are:

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \square & \square \\ \hline \end{array} \begin{array}{l} + \\ - \\ \times \\ \div \end{array} \begin{array}{|c|c|} \hline \square & \square \\ \hline \square & \square \\ \hline \end{array} \begin{array}{l} = \\ = \\ = \\ = \end{array} \begin{array}{l} 11 \\ 4 \\ 24 \\ 7 \end{array}$$

BOOM card featuring a 3x3 grid of empty boxes for numbers. The equations are:

$$\begin{array}{|c|c|c|} \hline \square & \square & \square \\ \hline \square & \square & \square \\ \hline \square & \square & \square \\ \hline \end{array} \begin{array}{l} + \\ + \\ + \\ + \\ + \\ + \end{array} \begin{array}{|c|c|c|} \hline \square & \square & \square \\ \hline \square & \square & \square \\ \hline \square & \square & \square \\ \hline \end{array} \begin{array}{l} = \\ = \\ = \\ = \\ = \\ = \end{array} \begin{array}{l} 4 \\ 5 \\ 8 \\ 3 \\ 4 \\ 5 \end{array}$$

BOOM card featuring a 2x2 grid of empty boxes for numbers. The equations are:

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \square & \square \\ \hline \end{array} \begin{array}{l} - \\ + \\ - \\ + \\ - \\ + \end{array} \begin{array}{|c|c|} \hline \square & \square \\ \hline \square & \square \\ \hline \end{array} \begin{array}{l} = \\ = \\ = \\ = \\ = \\ = \end{array} \begin{array}{l} 73 \\ 10 \\ 0 \\ 0 \\ 100 \\ 63 \end{array}$$

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