

DATABÁZE ÚLOHY PRO NADANÉ

Matematické hádanky VELIKONOČNÍ ŠIFRA

učivo 1. stupně

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Když do čtverečků pod obrázky doplníš správné číslo, vyjde rovnost.
 Jakou hodnotu má ovečka?

$$\begin{array}{c}
 \text{rabbit} + \text{rabbit} + \text{rabbit} = 36 \\
 \square + \square + \square
 \end{array}$$

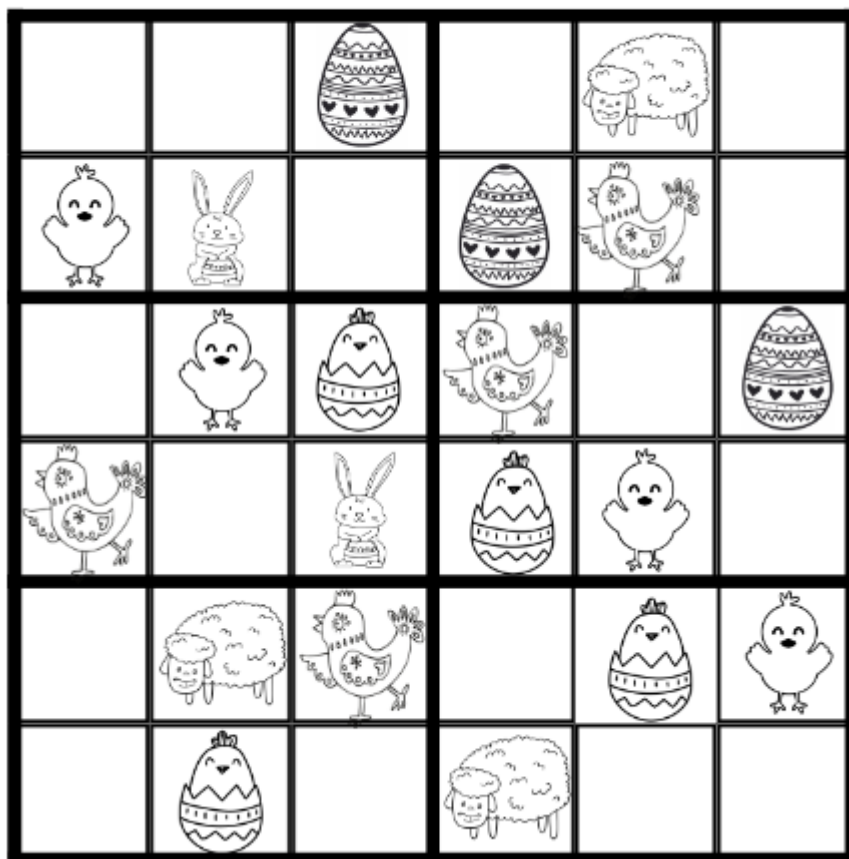
$$\begin{array}{c}
 \text{rabbit} + \text{egg} + \text{egg} = 48 \\
 \square + \square + \square
 \end{array}$$

$$\begin{array}{c}
 \text{chick} + \text{egg} + \text{chick} = 48 \\
 \square + \square + \square
 \end{array}$$

$$\begin{array}{c}
 \text{chick} + \text{egg} - \text{rabbit} + \text{sheep} = 37 \\
 \square + \square - \square + \square
 \end{array}$$

$$\begin{array}{c}
 \text{sheep} = ? \\
 \square
 \end{array}$$

Doplň velikonoční sudoku:



Když do čtverečků pod obrázky doplníš správné číslo, vyjde rovnost.
Zjisti hodnotu vajíček.

$$\begin{array}{c} \text{blue striped egg with bow} \\ \square \end{array} + \begin{array}{c} \text{blue striped egg with bow} \\ \square \end{array} + \begin{array}{c} \text{pink striped egg} \\ \square \end{array} + \begin{array}{c} \text{blue striped egg with bow} \\ \square \end{array} = 9$$

$$\begin{array}{c} \text{green egg} \\ \square \end{array} + \begin{array}{c} \text{blue striped egg with bow} \\ \square \end{array} + \begin{array}{c} \text{blue striped egg with bow} \\ \square \end{array} = 9$$

$$\begin{array}{c} \text{pink striped egg} \\ \square \end{array} + \begin{array}{c} \text{pink striped egg} \\ \square \end{array} + \begin{array}{c} \text{pink striped egg} \\ \square \end{array} = 9$$

$$\begin{array}{c} \text{yellow egg} \\ \square \end{array} - \begin{array}{c} \text{blue striped egg with bow} \\ \square \end{array} + \begin{array}{c} \text{green egg} \\ \square \end{array} = 9$$

Hodnotu už v tuto chvíli určitě znáš.

Doplň matematické operátory (+, -, ·, :) tak, aby platila rovnost.

$$\begin{array}{c} \text{blue striped egg with bow} \\ \square \end{array} \square \begin{array}{c} \text{blue striped egg with bow} \\ \square \end{array} \square \begin{array}{c} \text{blue striped egg with bow} \\ \square \end{array} = 6$$

$$\begin{array}{c} \text{green egg} \\ \square \end{array} \square \begin{array}{c} \text{green egg} \\ \square \end{array} \square \begin{array}{c} \text{green egg} \\ \square \end{array} = 6$$

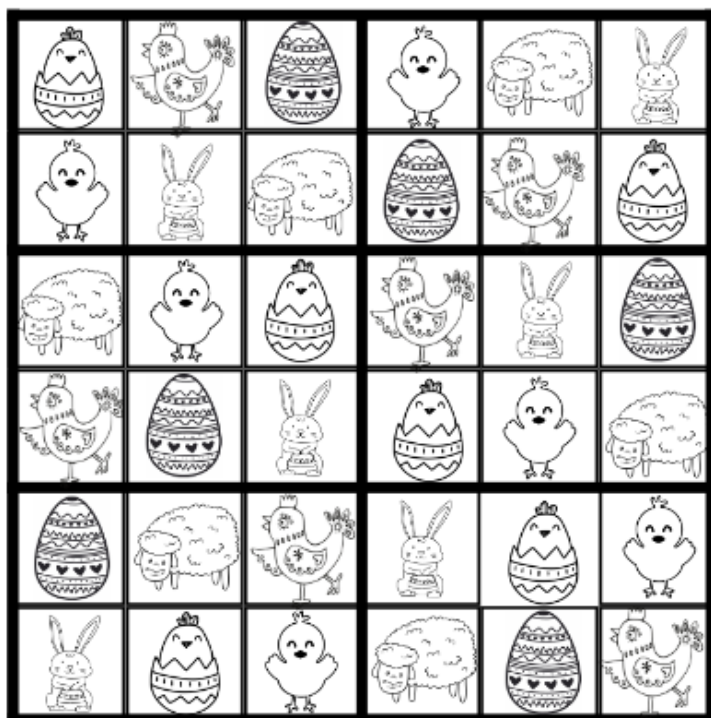
$$\begin{array}{c} \text{pink striped egg} \\ \square \end{array} \square \begin{array}{c} \text{pink striped egg} \\ \square \end{array} \square \begin{array}{c} \text{pink striped egg} \\ \square \end{array} = 6$$

$$\begin{array}{c} \text{yellow egg} \\ \square \end{array} \square \begin{array}{c} \text{yellow egg} \\ \square \end{array} \square \begin{array}{c} \text{yellow egg} \\ \square \end{array} = 6$$

ŘEŠENÍ:

$$\begin{array}{rclcl}
 \begin{array}{c} \text{rabbit} \\ 12 \end{array} + \begin{array}{c} \text{rabbit} \\ 12 \end{array} + \begin{array}{c} \text{rabbit} \\ 12 \end{array} & = & 36 \\
 \begin{array}{c} \text{rabbit} \\ 12 \end{array} + \begin{array}{c} \text{egg} \\ 18 \end{array} + \begin{array}{c} \text{egg} \\ 18 \end{array} & = & 48 \\
 \begin{array}{c} \text{chicken} \\ 15 \end{array} + \begin{array}{c} \text{egg} \\ 18 \end{array} + \begin{array}{c} \text{chicken} \\ 15 \end{array} & = & 48 \\
 \begin{array}{c} \text{chicken} \\ 15 \end{array} + \begin{array}{c} \text{egg} \\ 18 \end{array} - \begin{array}{c} \text{rabbit} \\ 12 \end{array} + \begin{array}{c} \text{sheep} \\ 16 \end{array} & = & 37 \\
 & & \text{sheep} & = & 16
 \end{array}$$

Doplň velikonoční sudoku:



$$\begin{array}{c} \text{pink egg with dots} \\ 3 \end{array} + \begin{array}{c} \text{pink egg with dots} \\ 3 \end{array} + \begin{array}{c} \text{pink egg with dots} \\ 3 \end{array} = 9$$

$$\begin{array}{c} \text{blue egg with bow} \\ 2 \end{array} + \begin{array}{c} \text{blue egg with bow} \\ 2 \end{array} + \begin{array}{c} \text{pink egg with dots} \\ 3 \end{array} + \begin{array}{c} \text{blue egg with bow} \\ 2 \end{array} = 9$$

$$\begin{array}{c} \text{green egg} \\ 5 \end{array} + \begin{array}{c} \text{blue egg with bow} \\ 2 \end{array} + \begin{array}{c} \text{blue egg with bow} \\ 2 \end{array} = 9$$

$$\begin{array}{c} \text{yellow egg} \\ 6 \end{array} - \begin{array}{c} \text{blue egg with bow} \\ 2 \end{array} + \begin{array}{c} \text{green egg} \\ 5 \end{array} = 9$$

$$\begin{array}{c} \text{blue egg with bow} \\ 2 \end{array} + \begin{array}{c} \text{blue egg with bow} \\ 2 \end{array} + \begin{array}{c} \text{blue egg with bow} \\ 2 \end{array} = 6$$

$$\begin{array}{c} \text{pink egg with dots} \\ 3 \end{array} \cdot \begin{array}{c} \text{pink egg with dots} \\ 3 \end{array} - \begin{array}{c} \text{pink egg with dots} \\ 3 \end{array} = 6$$

$$\begin{array}{c} \text{green egg} \\ 5 \end{array} : \begin{array}{c} \text{green egg} \\ 5 \end{array} + \begin{array}{c} \text{green egg} \\ 5 \end{array} = 6$$

$$\begin{array}{c} \text{yellow egg} \\ 6 \end{array} + \begin{array}{c} \text{yellow egg} \\ 6 \end{array} - \begin{array}{c} \text{yellow egg} \\ 6 \end{array} = 6$$