



**Tento materiál byl vytvořen v rámci projektu Operačního programu
Vzdělávání pro konkurenceschopnost.**

Projekt MŠMT ČR	EU PENÍZE ŠKOLÁM
Číslo projektu	CZ.1.07/1.4.00/21.2146
Název projektu školy	Inovace ve vzdělávání na naší škole ZŠ Studánka
Klíčová aktivita III/2	Inovace a zkvalitnění výuky prostřednictvím ICT

Sada č. IV

Identifikátor DUM: VY_32_INOVACE_SADA IV_M , DUM 1

Vzdělávací oblast: Matematika a její aplikace

Vzdělávací obor: Matematika

Název: Matematické sudoku

Autor: Mgr. Lada Burgetová

Stručná anotace: Pracovní list- základy kombinatorického myšlení

Metodické zhodnocení: Využití v 1.,2.ročníku, odpilotováno v 1.A dne 21.6. 2011

Žáci si utužují orientaci v řádku a sloupci.

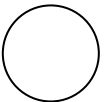
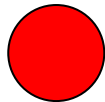
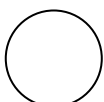
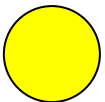
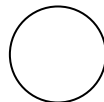
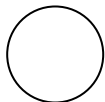
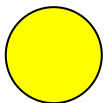
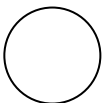
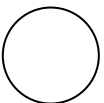
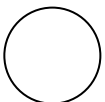
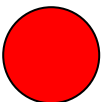
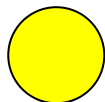
Pracovní list je možno použít pro jednotlivce i pro dvojice



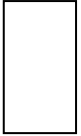
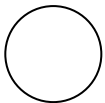
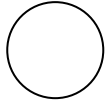
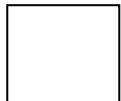
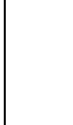
INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

Matematické sudoku

1. Vybarvi prázdné kruhy tak, aby se v žádném řádku ani sloupci barvy neopakovaly.

2. Dopln geometrické tvary , , ,  tak, aby se v žádném řádku ani v sloupci neopakovaly.

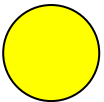
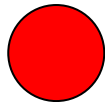
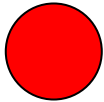
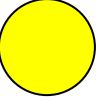
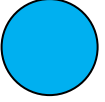
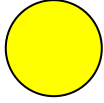
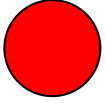
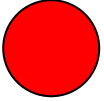
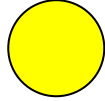
3. Dopln čísla 1 , 2 , 3 , 4 tak, aby se v žádném řádku ani sloupci neopakovala

1		2	4
			1
3	4		
2		4	3

3	4		2
		4	3
1			
4	2		1

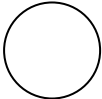
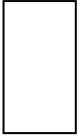
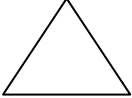
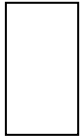
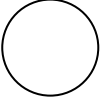
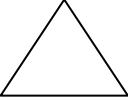
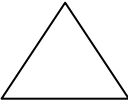
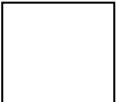
Matematické sudoku - řešení

1. Vybarvi prázdné kruhy tak, aby se v žádném řádku ani sloupci barvy neopakovaly.

2. Dopln geometrické tvary , , ,  tak, aby se v žádném řádku ani v sloupci neopakovaly.

řádku ani v sloupci neopakovaly.

3. Doplň čísla 1 , 2 , 3 , 4 tak, aby se v žádném řádku ani sloupci neopakovaly.

1	3	2	4
4	2	3	1
3	4	1	2
2	1	4	3

3	4	1	2
2	1	4	3
1	3	2	4
4	2	3	1