

МОУ СОШ

МОУ СОШ  
посёлок Дружба

**Автор проекта:**

*учитель химии Жукова Е.С.*

БИТВА  
БИТВА

ХИМИКОВ



**РАУНД**

**№1**

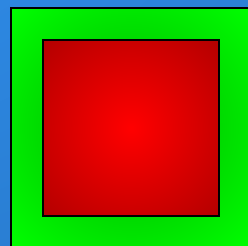
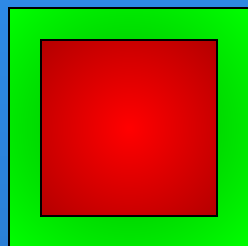
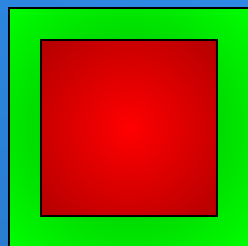
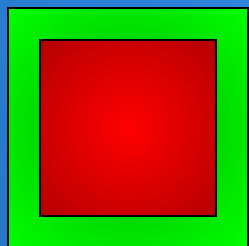
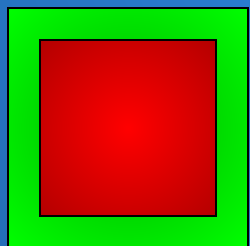
# Выберите номер вопроса

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

# 1



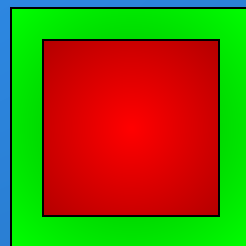
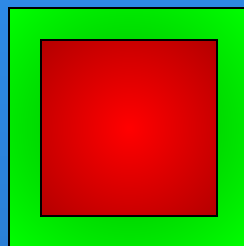
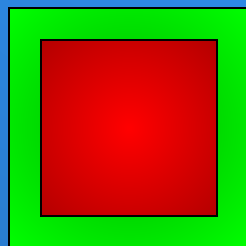
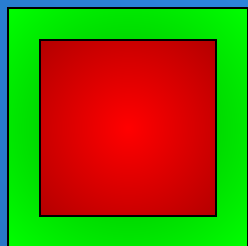
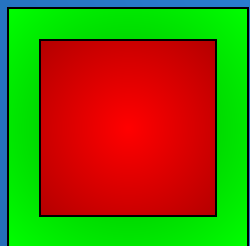
Назовите химический элемент,  
который имеет молярную  
массу равную 80



2



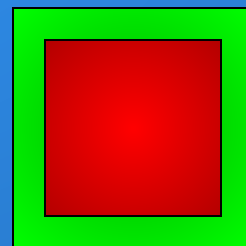
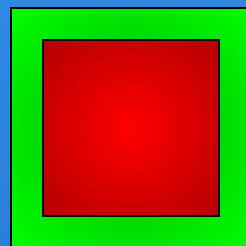
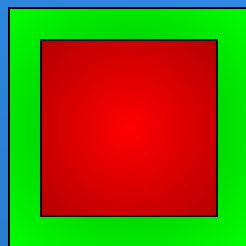
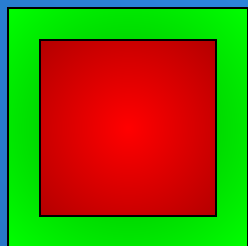
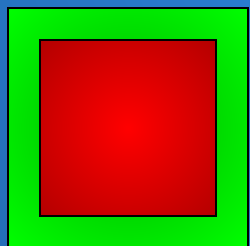
**Что  
обозначает  
этот знак?**



3



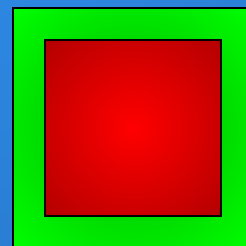
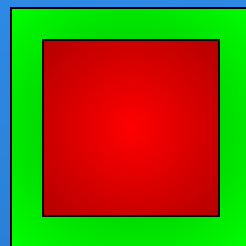
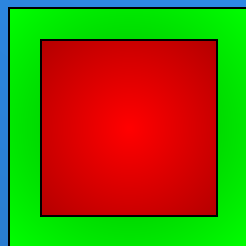
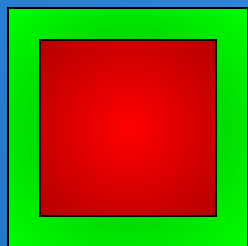
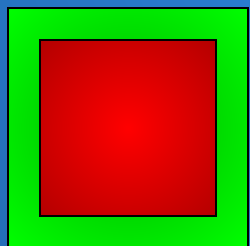
Как называется тип  
химической реакции между  
натрием и водой?



4



**Назовите элемент, имеющий  
порядковый номер 15 в  
таблице Д.И. Менделеева**





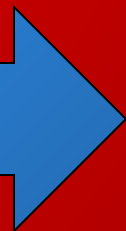
ПЕРЕХОД ХОДА

ПЕРЕХОД ХОДА

5 баллов

- 5 баллов

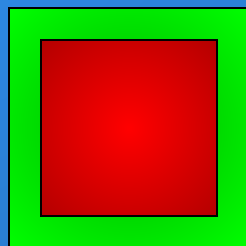
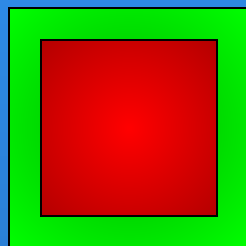
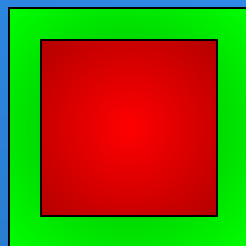
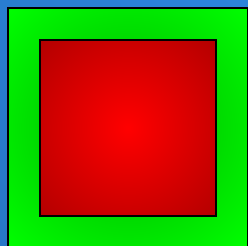
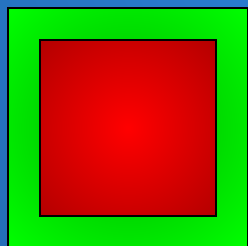
Продолжить



5



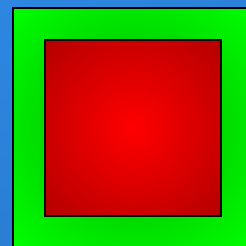
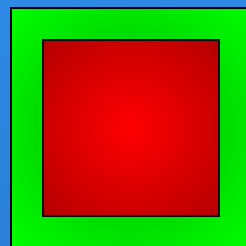
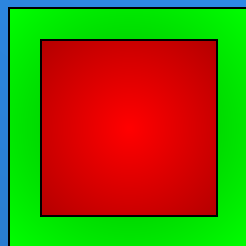
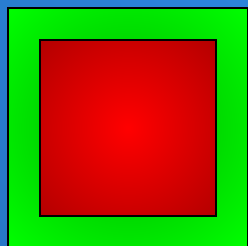
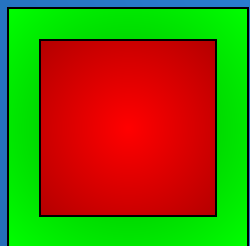
Назовите фамилию  
этого учёного-химика



6



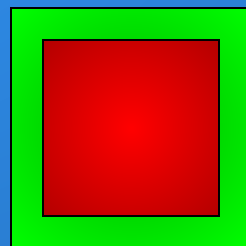
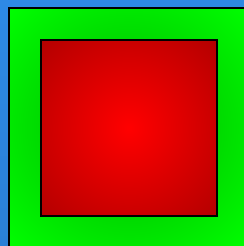
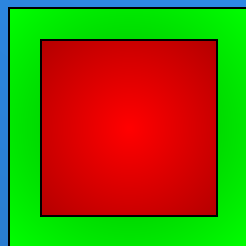
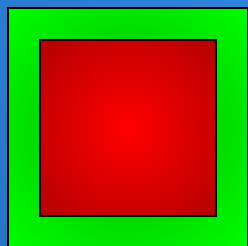
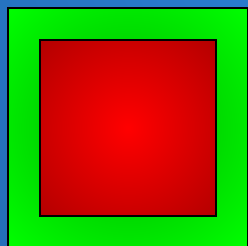
Назовите металл, открытый  
в 1825 году Х. Эрстедом



7



Назовите формулу  
пероксида водорода

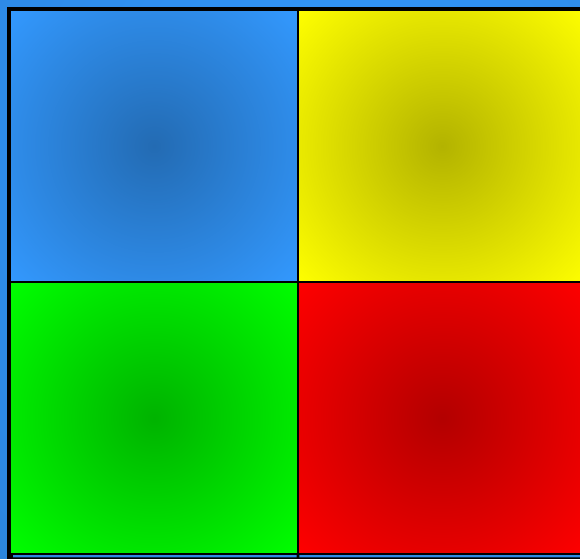


# ЯЧЕЙКА НА ВЫБОР

Продолжить

8

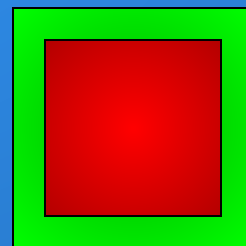
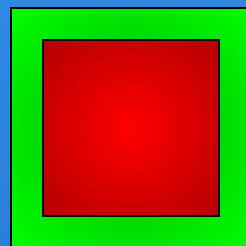
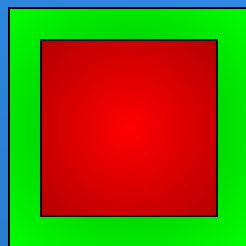
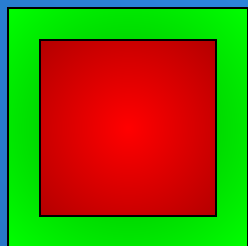
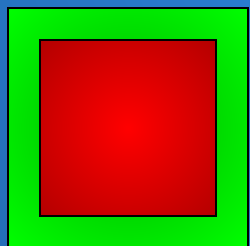
# Откройте один из квадратов



9



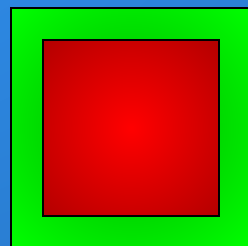
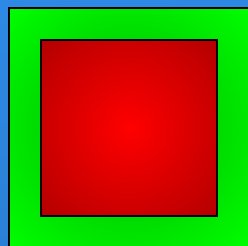
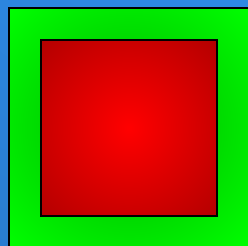
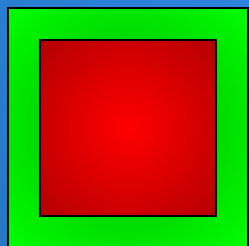
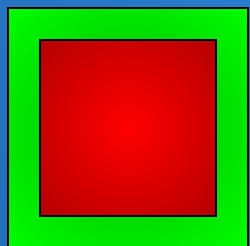
Назовите молярную массу  
карбоната кальция



10

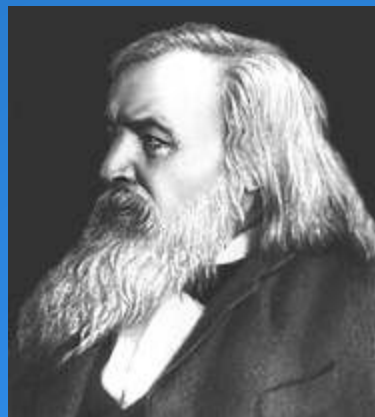


**Что  
обозначает  
ЭТОТ знак?**

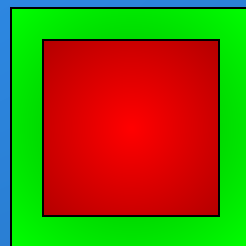
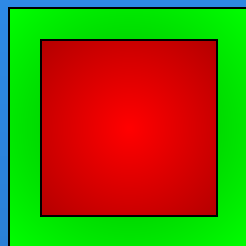
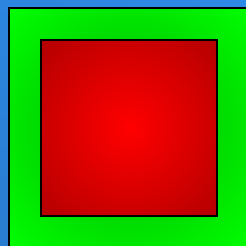
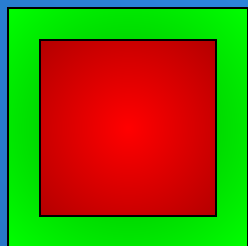
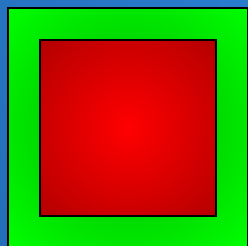




11



**Назовите фамилию, имя и  
отчество ЭТОГО великого  
русского химика**

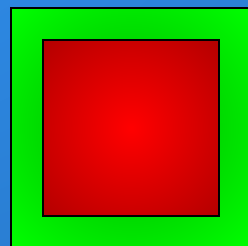
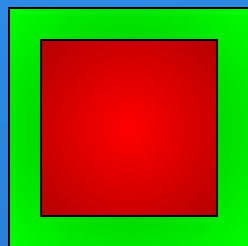
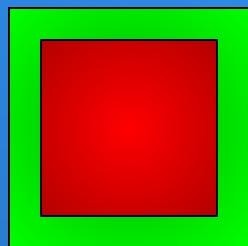
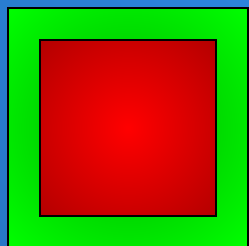
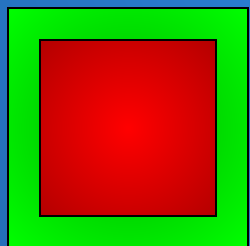


12

Zr



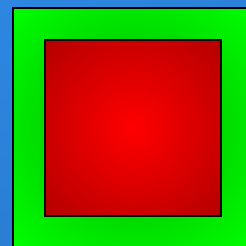
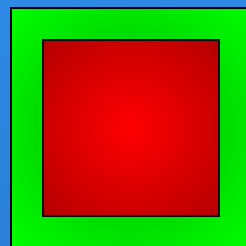
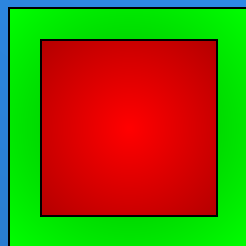
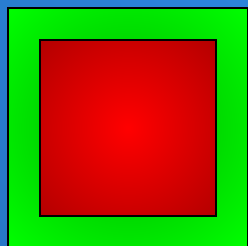
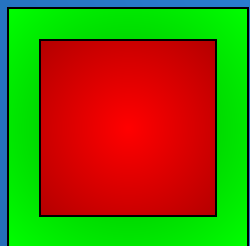
**Как  
произносится  
этот знак?**



13



Назовите формулу  
хлорида аммония



# БЛИЦВОПРОС

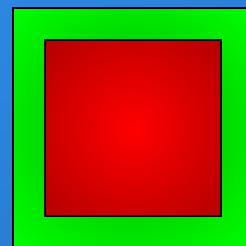
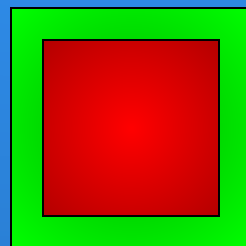
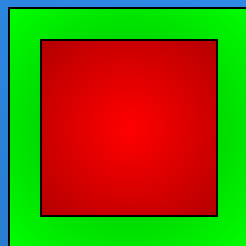
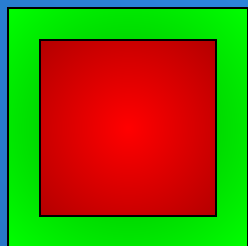
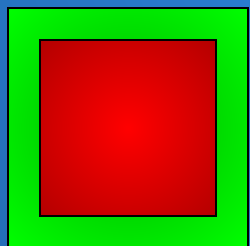
Продолжить



14



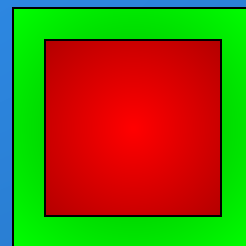
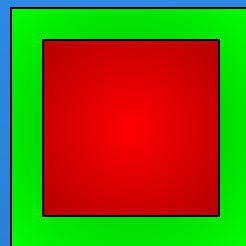
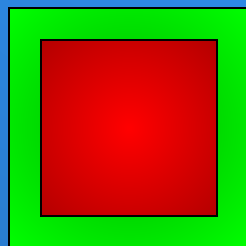
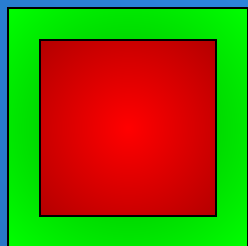
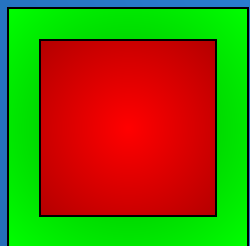
**Назовите формулу  
этановой (уксусной)  
кислоты**



15



**Что  
обозначает  
этот знак?**



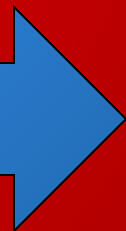
ПЕРЕХОД ХОДА

ПЕРЕХОД ХОДА

5 баллов

- 5 баллов

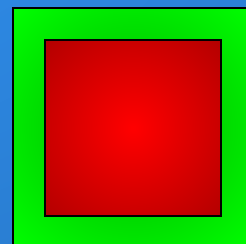
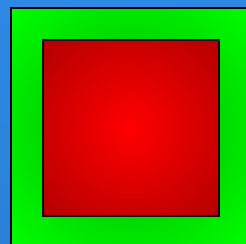
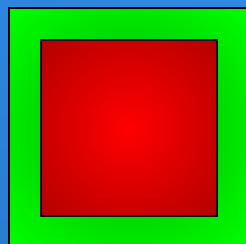
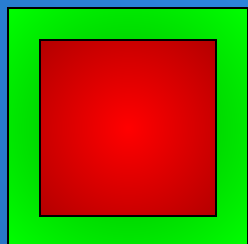
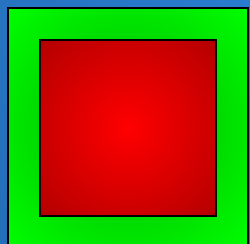
Продолжить



16



**Какой учёный химик  
в 1774 году открыл  
металл марганец?**



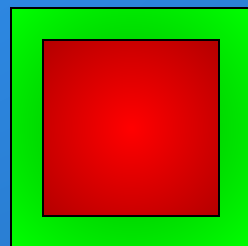
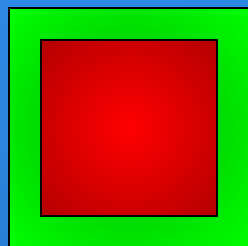
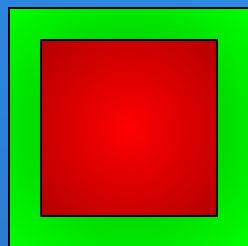
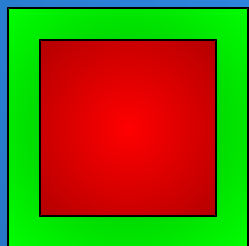
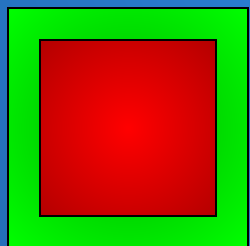


17

Bh



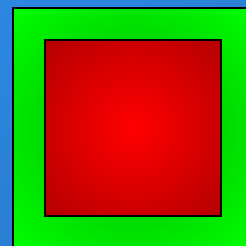
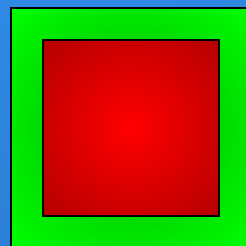
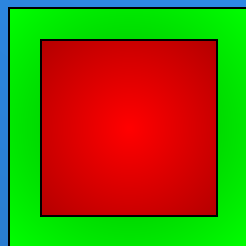
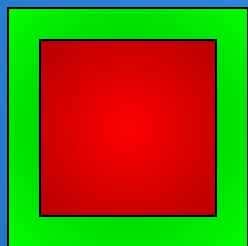
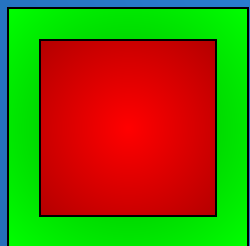
**Как  
произносится  
этот знак?**



18



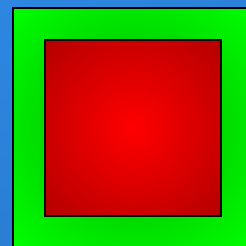
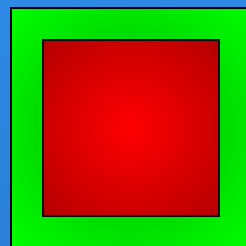
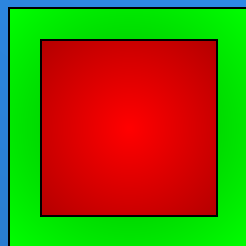
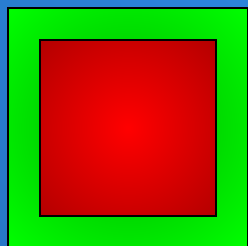
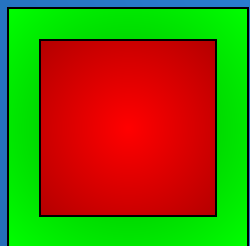
**Какой щелочноземельный металл не вступает в реакцию с водой?**



19



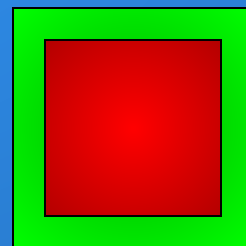
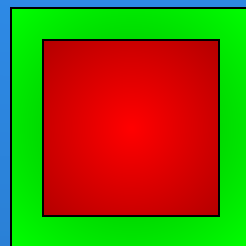
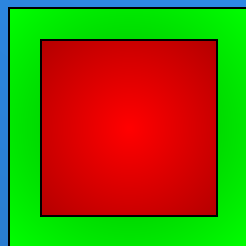
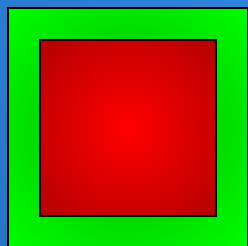
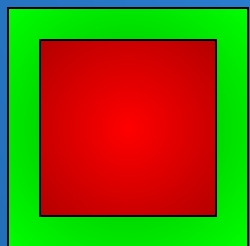
**Фосфат какого щелочного  
металла не растворим  
в воде?**



20



**КАКИМ ЦВЕТОМ СТАНЕТ  
ФЕНОЛФТАЛЕИН В  
РАСТВОРЕ ЩЁЛОЧИ?**



**ВАШ  
ОТВЕТ  
НЕВЕРНЫЙ**



**ВАШ  
ОТВЕТ  
ВЕРНЫЙ**



**ВРЕМЯ  
ВЫШЛО**





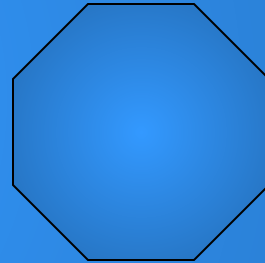
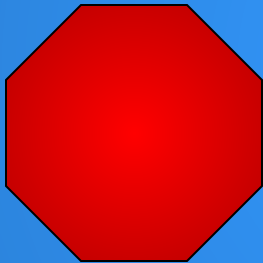
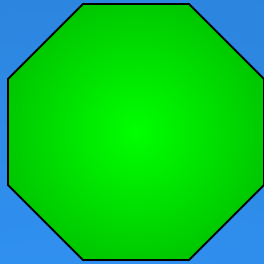
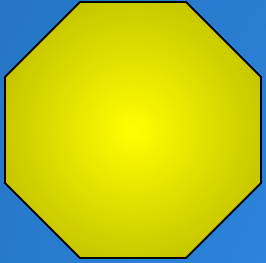
РАУНД

№1

ОКОНЧЕН







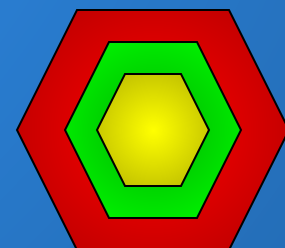
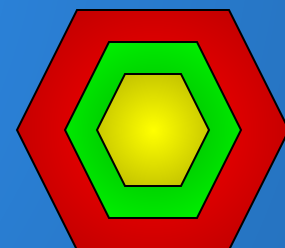
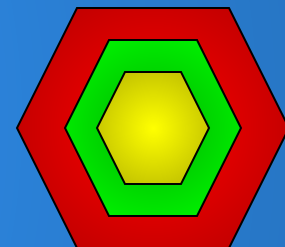
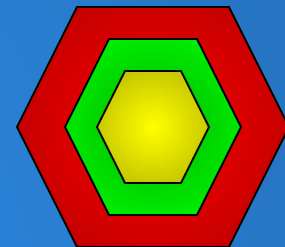
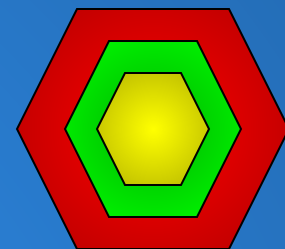
**РАУНД**

**№2**

***ФИНАЛ***

# final

Назовите самый  
активный металл



**ВАШ  
ОТВЕТ  
ВЕРНЫЙ**



**ВАШ  
ОТВЕТ  
НЕВЕРНЫЙ**



**ВРЕМЯ  
ВЫШЛО**



