



**Квест с Гарри  
Поттером**









**Ребусы-загадки**

**Добби**



1

2

3

4



# Загадка 1

Х   ”” Д  Я Я З Ъ





# *Химическая связь*

# Загадка 2



The image features a dark, atmospheric forest scene with tall, thin trees. A semi-transparent teal rectangle is overlaid in the center, containing the word 'Коваленная' in a bright yellow, stylized, cursive font. The overall mood is mysterious and somber.

# *Коваленная*

# Загадка 3





# *Ионная*

# Загадка 4

М””



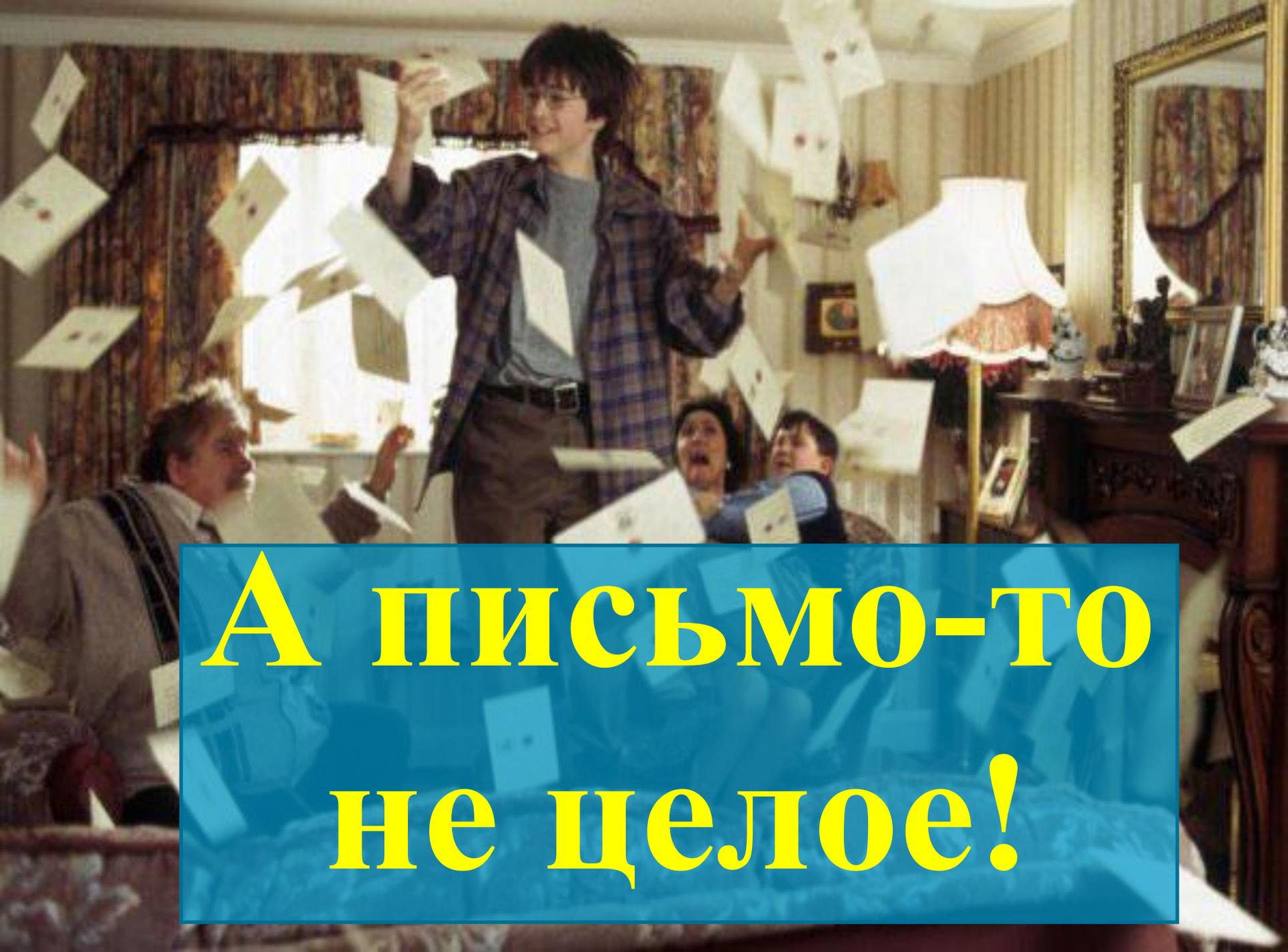
Л



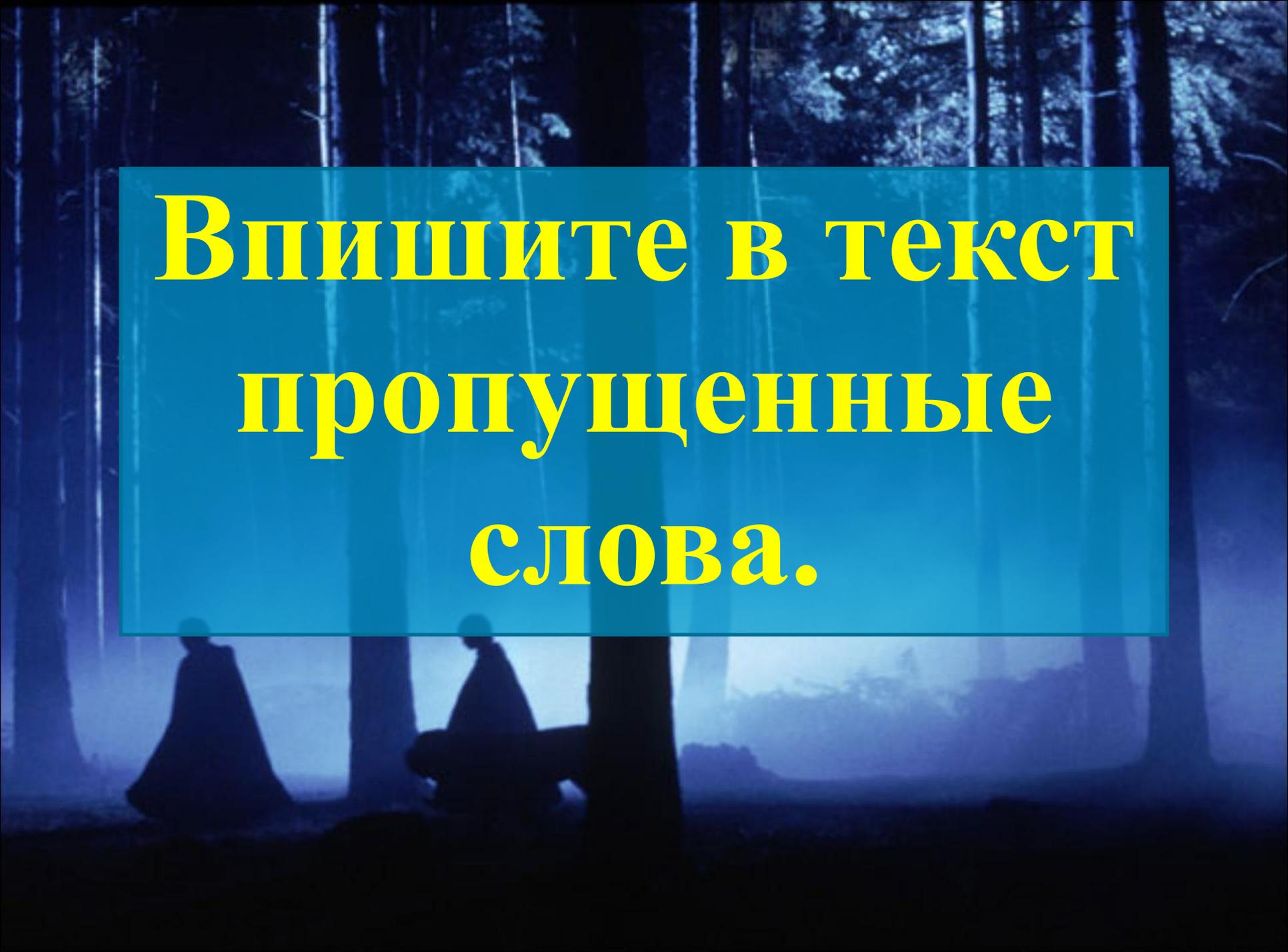


# *Металлическая*





**А письмо-то  
не целое!**



**Впишите в текст  
пропущенные  
слова.**

WORNIEVI  
& PRONGS

MARI'E  
MIP  
DIRS



WHITE HOUSE  
OFFICE OF THE PRESIDENT

CONSTITUTION AVENUE

MADISON AVENUE

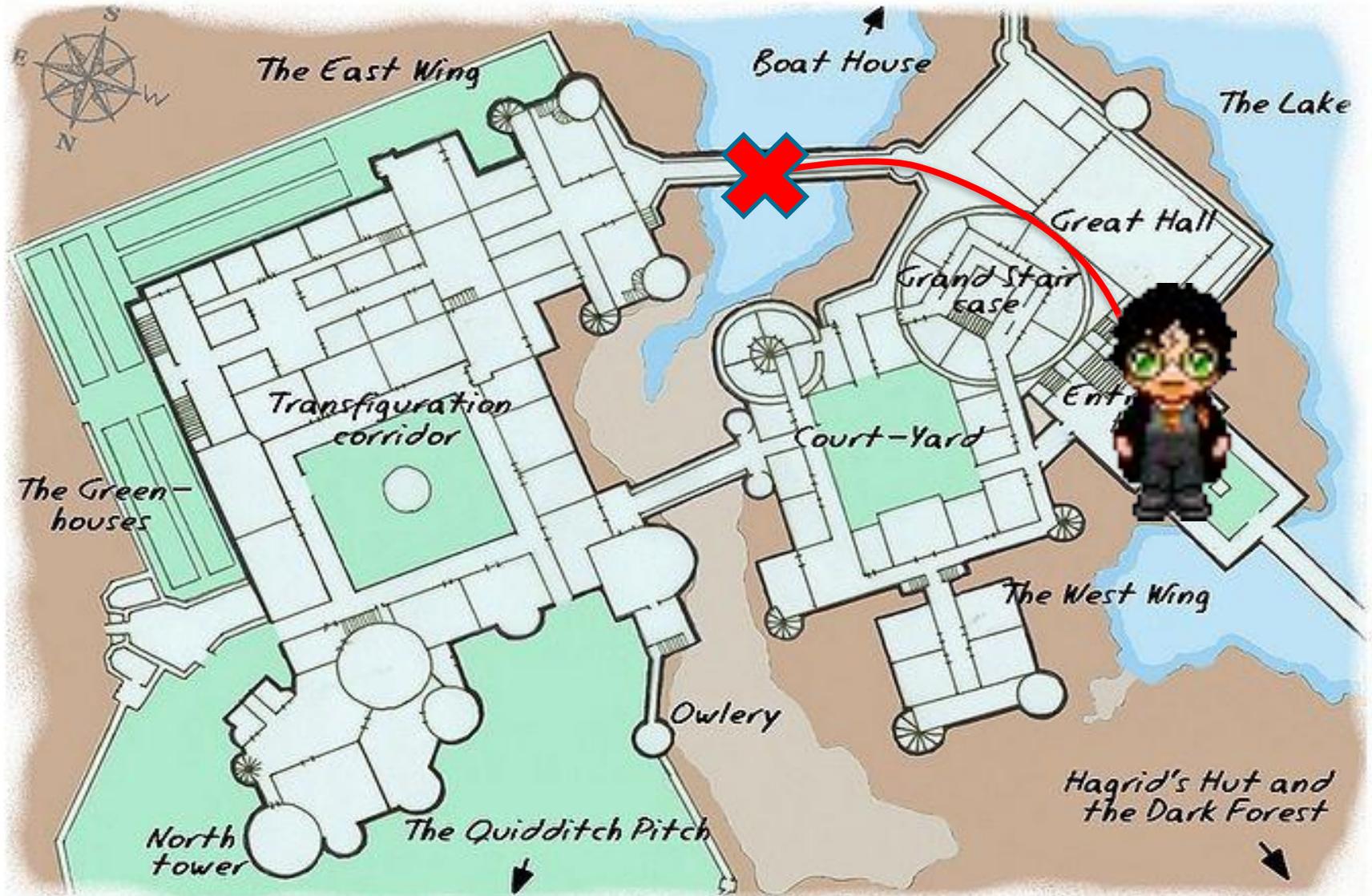
MADISON AVENUE

THE HOUSE OF REPRESENTATIVES

THE SENATE

# Map of Hogwarts castle

(Ground floor)



# Архивная несуразица

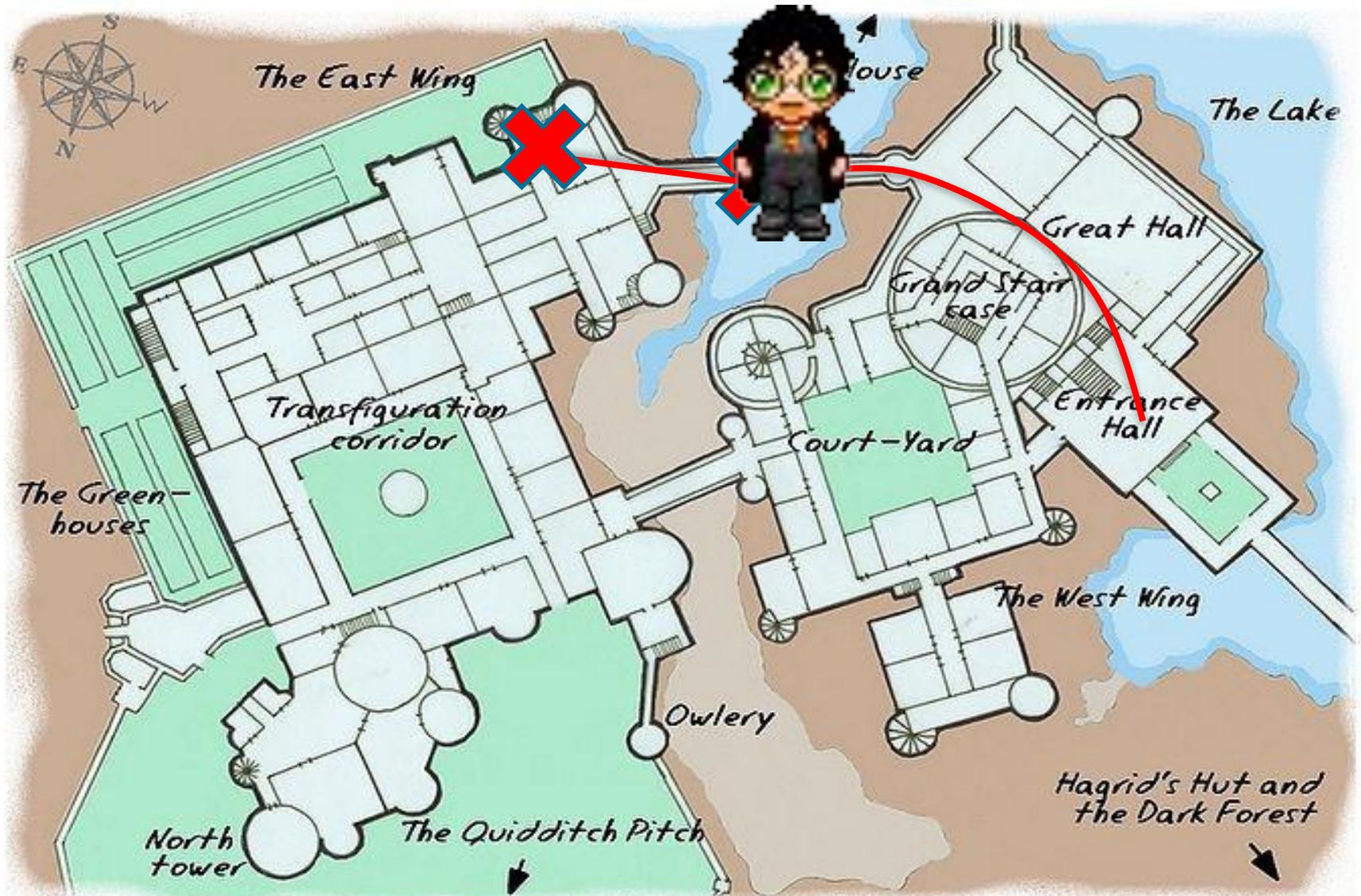


# Термины

1. Ковалентная полярная
2. Ковалентная неполярная
3. Ионная связь
4. Металлическая связь

# Map of Hogwarts castle

(Ground floor)



**Задание  
профессора  
Минервы  
Макгонагалл  
«Не таись,  
а поделись»**

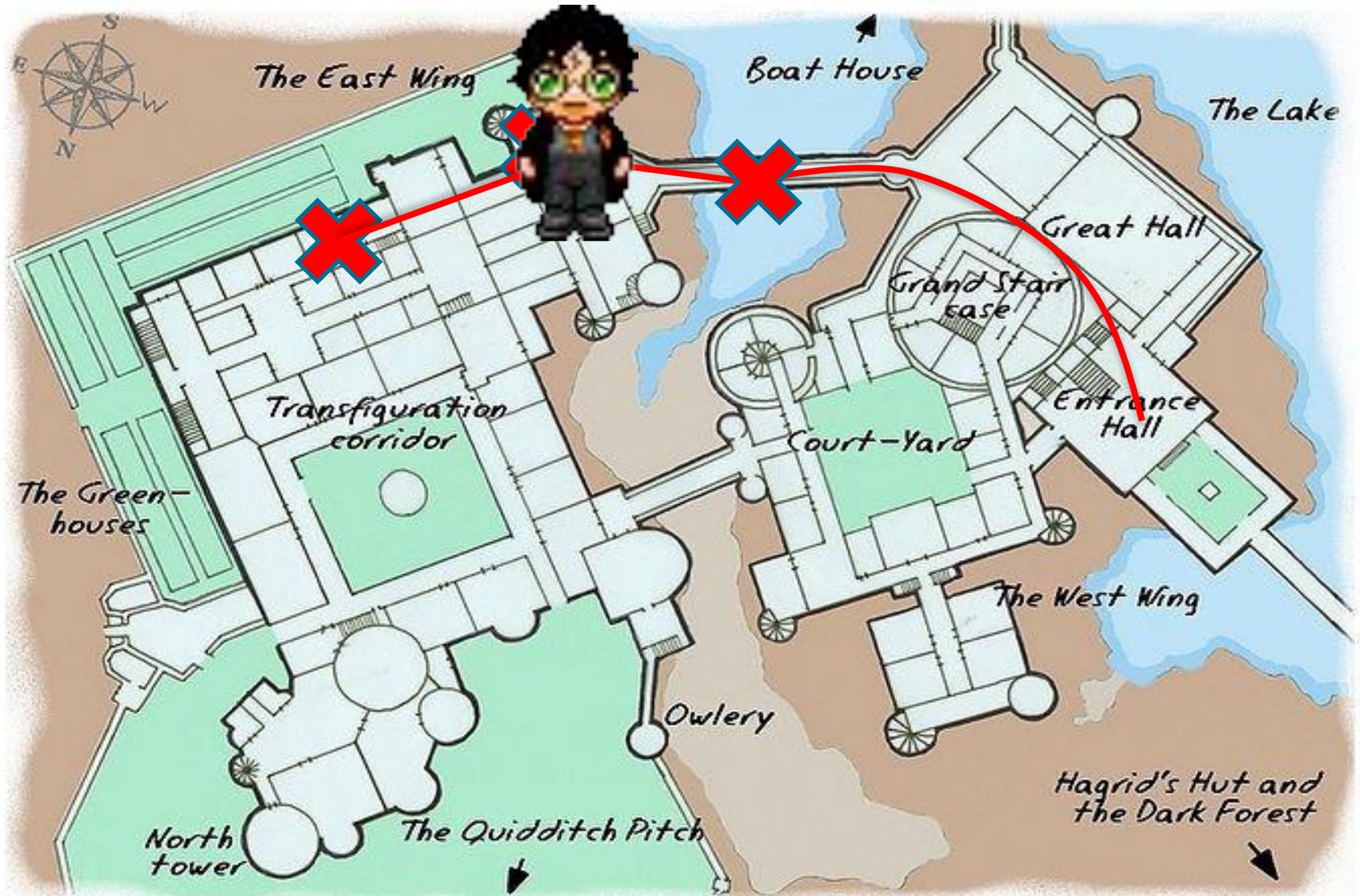


Учащимся необходимо составить электронные схемы образования химической связи для следующих веществ.

Вариант 1	Вариант 2
$\text{Cl}_2$	$\text{O}_2$
$\text{N}_2$	$\text{HCl}$
$\text{CaO}$	$\text{K}_2\text{S}$

# Map of Hogwarts castle

(Ground floor)

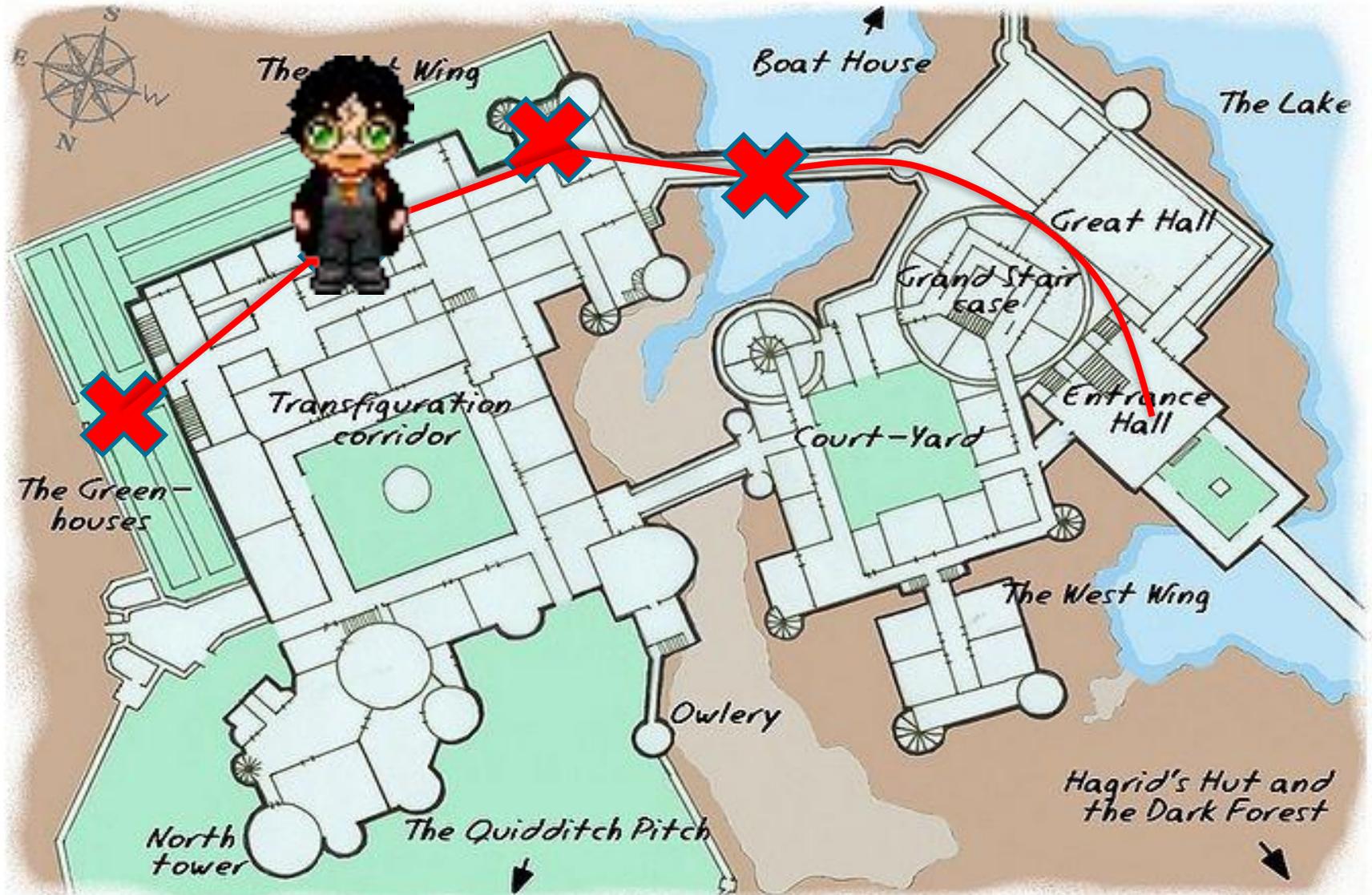


**Задание  
профессора  
Северуса  
Снегга  
«Не судите –  
рассудите»**



# Map of Hogwarts castle

(Ground floor)

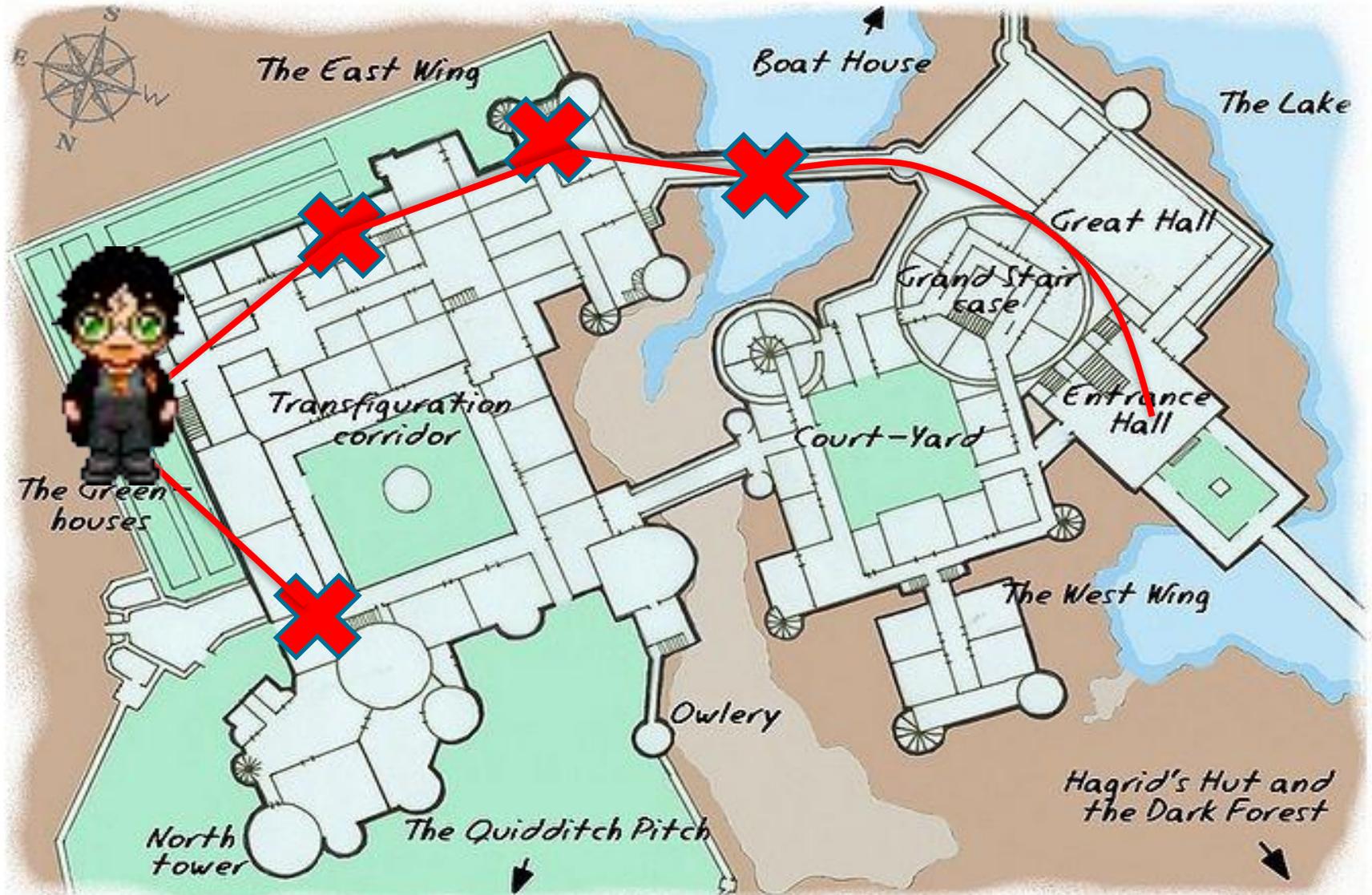


A group of students in black graduation gowns are performing a traditional ceremony in front of a large stone building. They are holding long wooden staffs and appear to be in the middle of a ritual. One student is standing on a ledge, holding a staff. The scene is set outdoors on a grassy area under a clear blue sky.

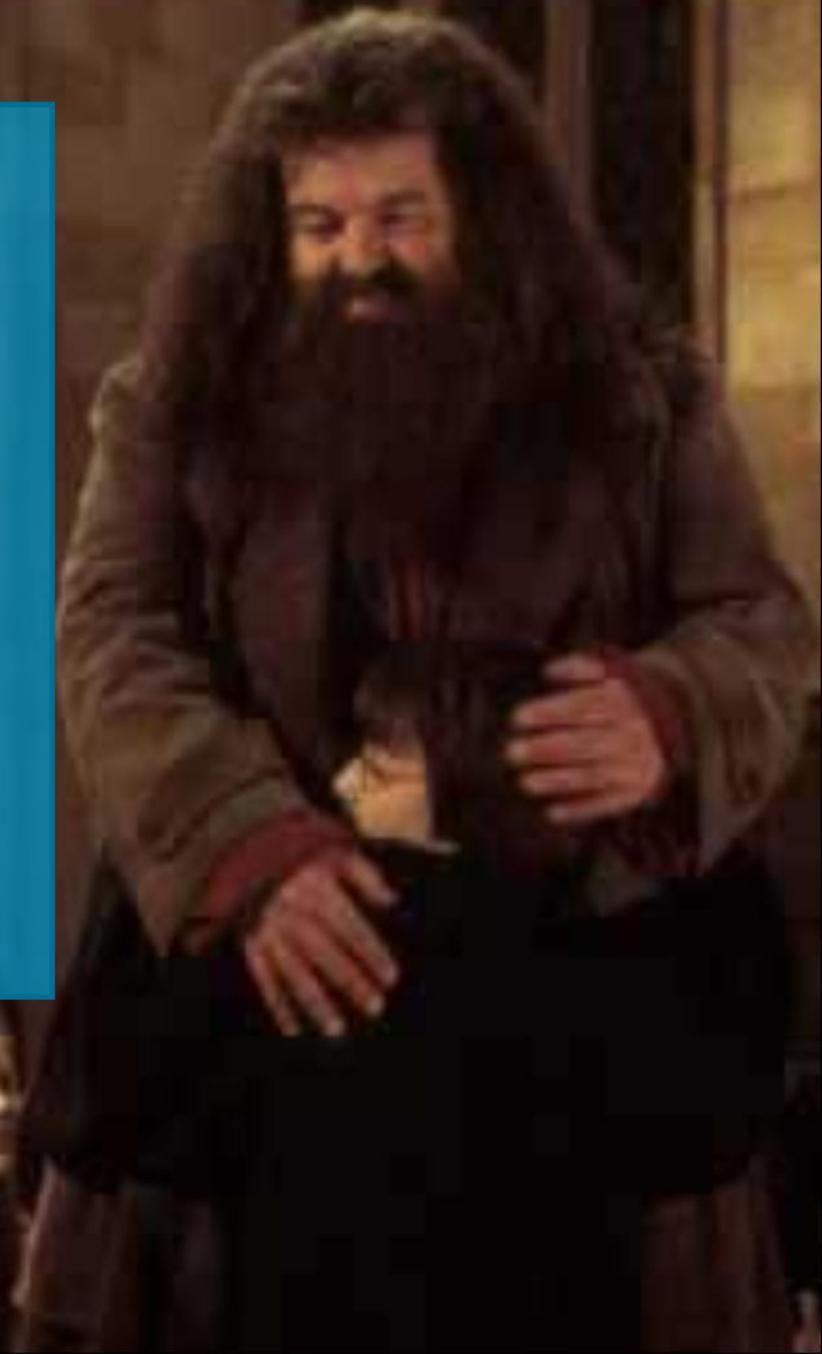
# Зарядка для глаз

# Map of Hogwarts castle

(Ground floor)



**Найти  
«лишнее»  
от Рубеуса  
Хагрида**

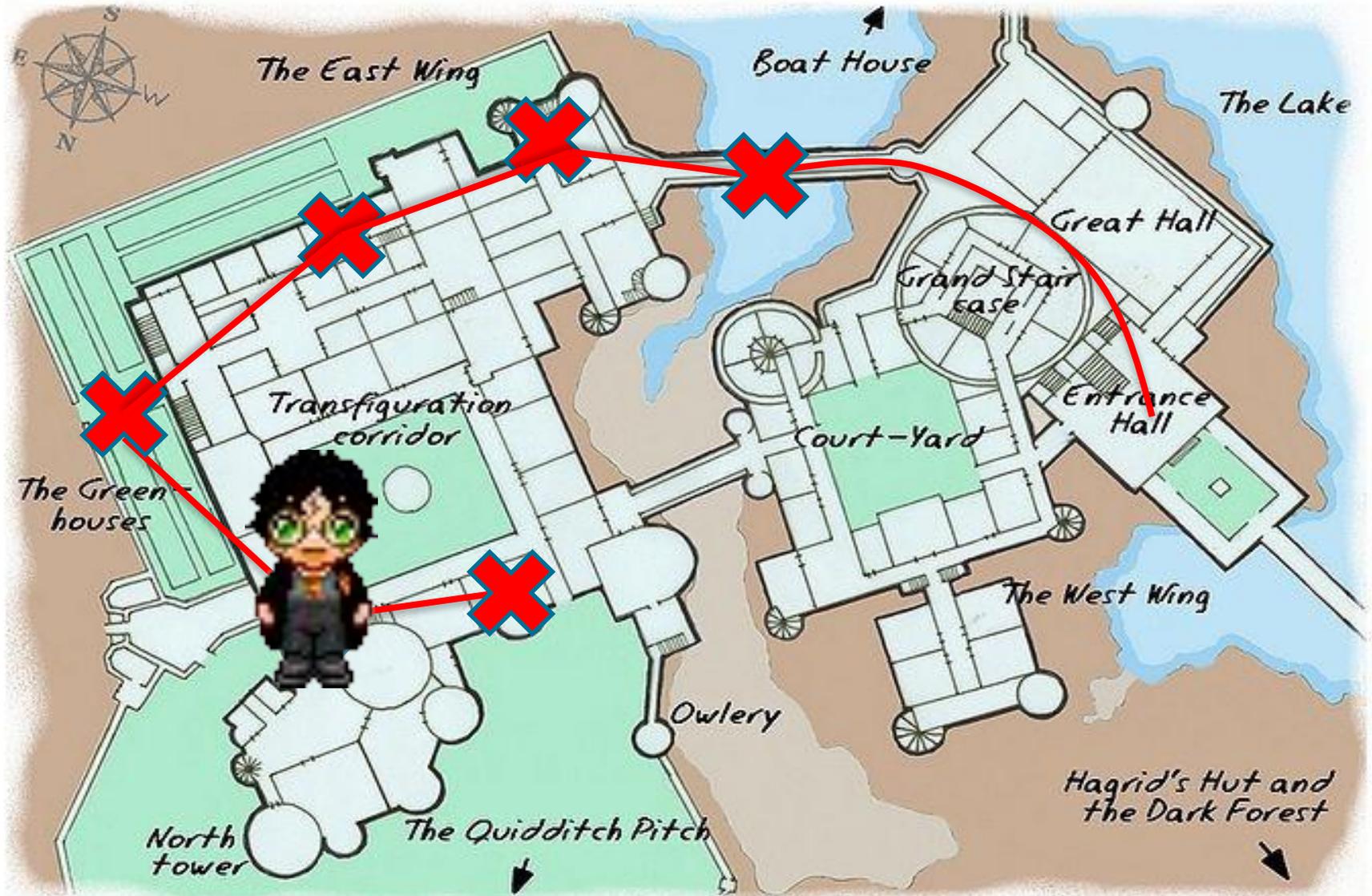


# Выберите лишнее

- Na, K, Li, C
- H<sub>2</sub>O, O<sub>2</sub>, F<sub>2</sub>, Cl<sub>2</sub>
- MgO, CO<sub>2</sub>, Na<sub>2</sub>O, Fe<sub>2</sub>O<sub>3</sub>
- HCl, N<sub>2</sub>, HBr, HI
- H<sub>2</sub>O, Br<sub>2</sub>, CO<sub>2</sub>, MgO
- H<sub>2</sub>S, NaF, CuO, KCl

# Map of Hogwarts castle

(Ground floor)



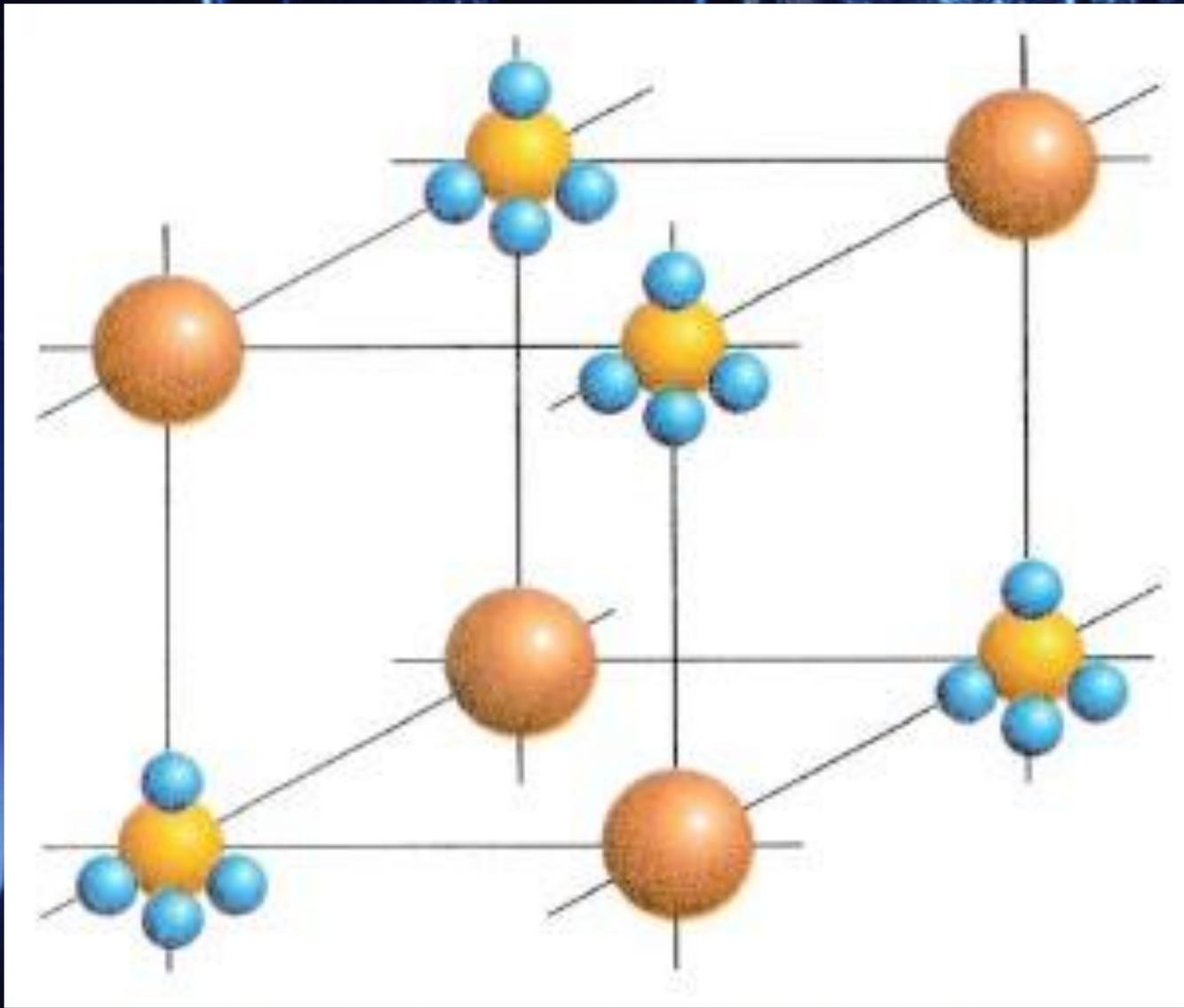


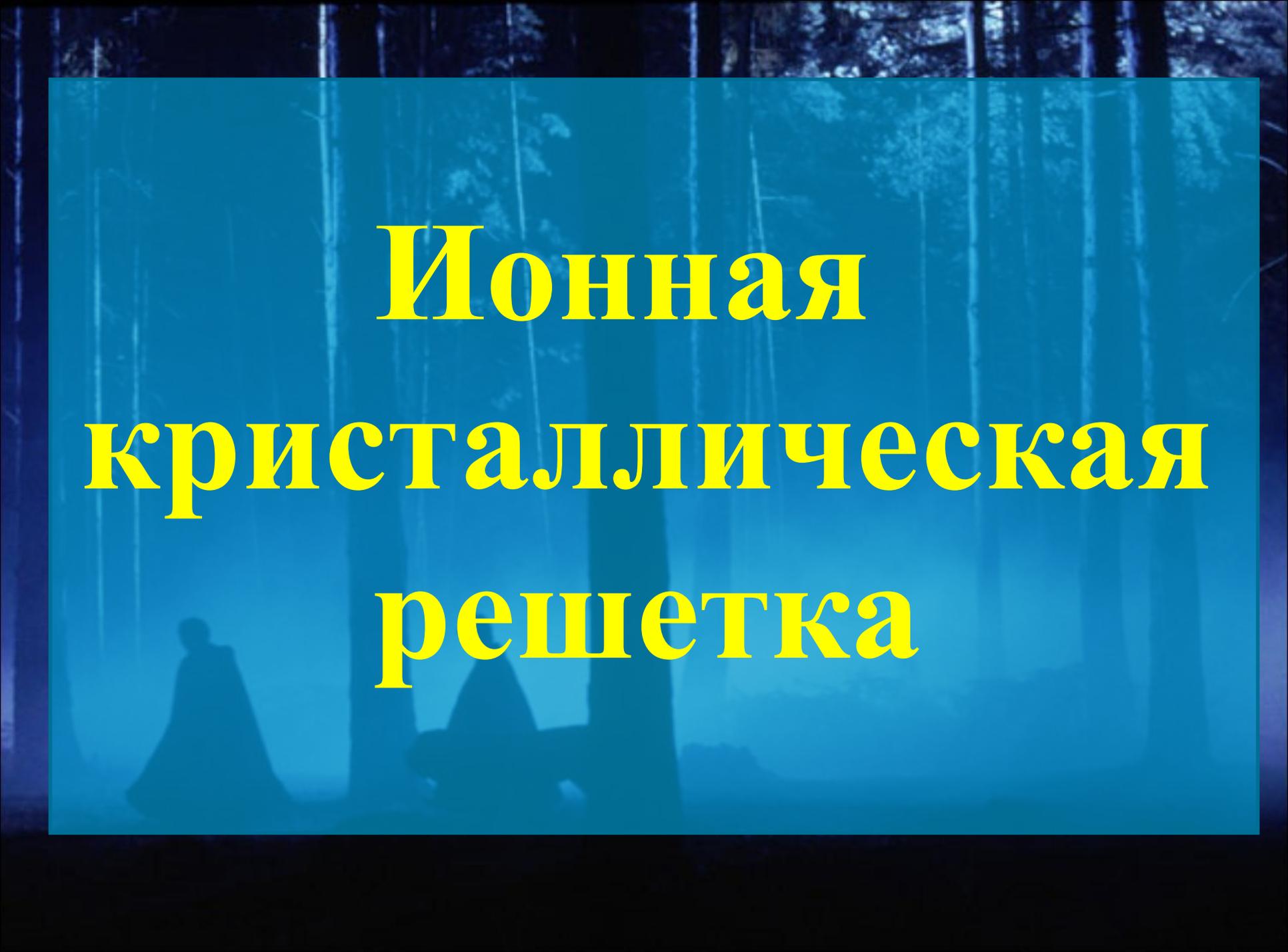
**Брейн-ринг  
Альбуса  
Дамблдора**



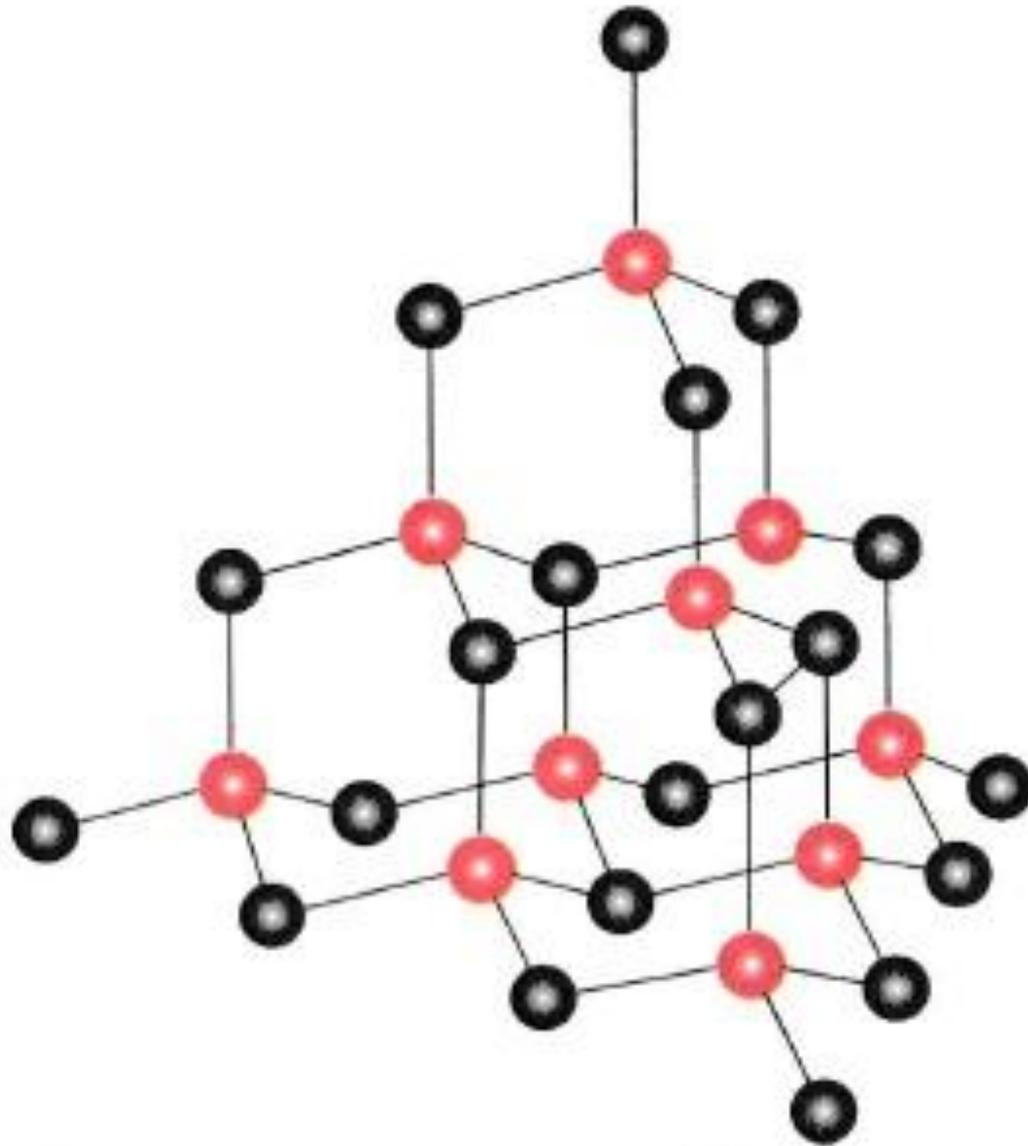
<u>1</u>	<u>7</u>
<u>2</u>	<u>8</u>
<u>3</u>	<u>9</u>
<u>4</u>	<u>10</u>
<u>5</u>	<u>11</u>
<u>6</u>	<u>12</u>

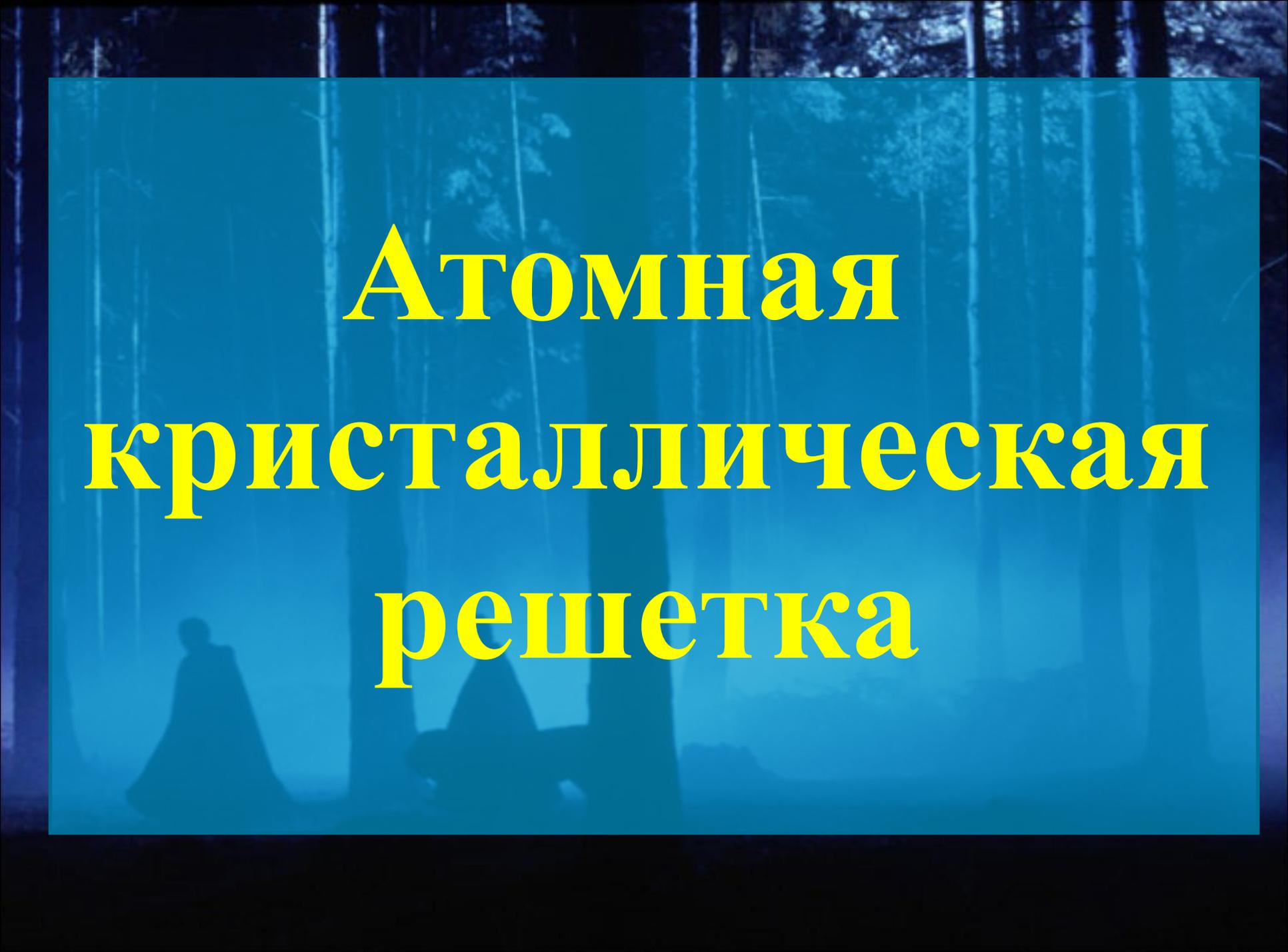




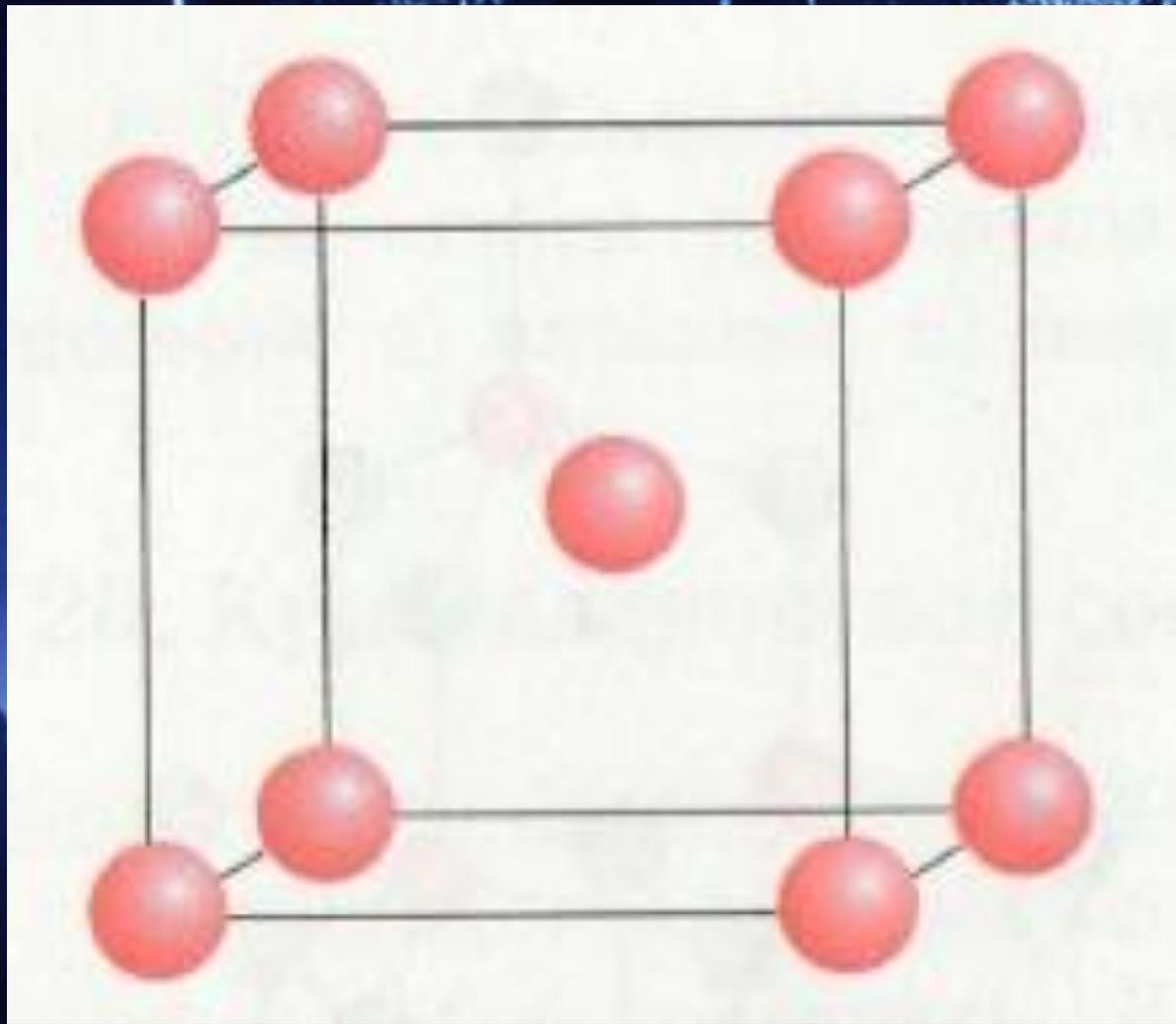


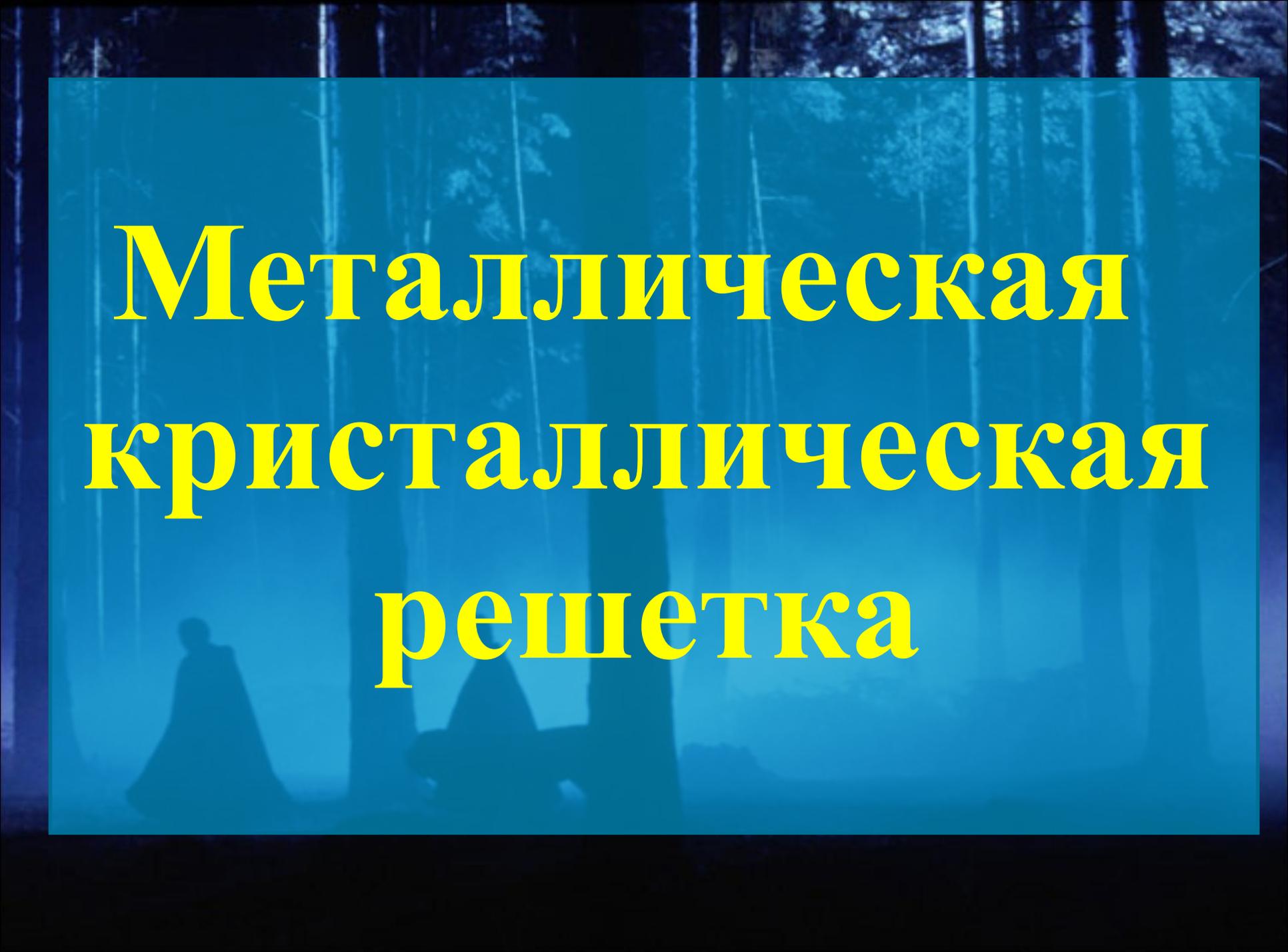
**Ионная  
кристаллическая  
решетка**



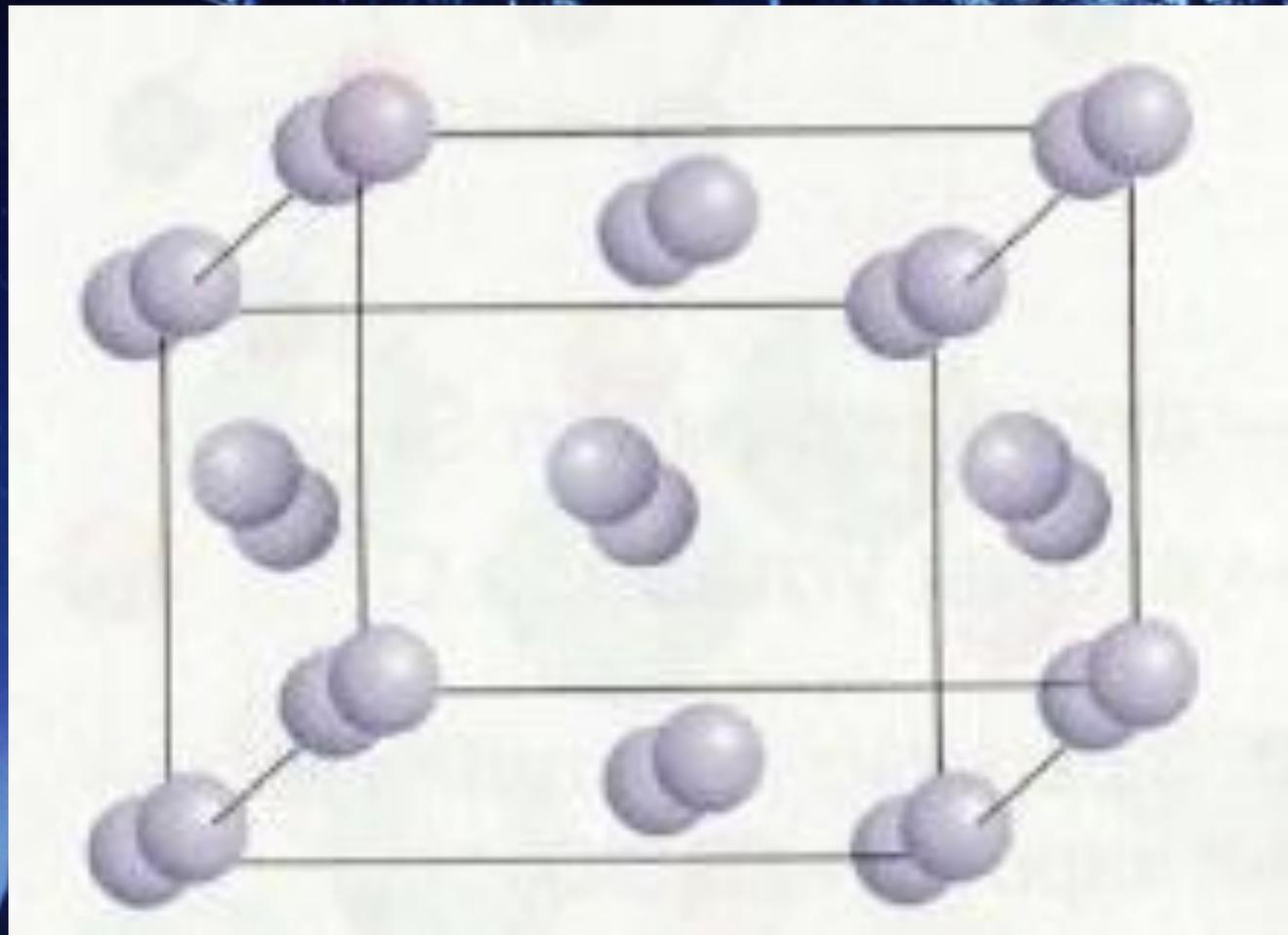


# Атомная кристаллическая решетка





# Металлическая кристаллическая решетка



A blue-tinted photograph of a forest with two people walking in the distance. The text is overlaid on the image.

# Молекулярные кристаллы

A dark, blue-tinted forest scene. In the foreground, a person wearing a dark cloak is walking away from the viewer towards the left. The background is filled with tall, thin trees, possibly birches, creating a dense and somewhat eerie atmosphere. The overall lighting is very low, with a strong blue color cast.

# Черный ящик

**Песок, ковалентная  
полярная связь и  
атомная  
кристаллическая  
решетка**

A dark, blue-tinted forest scene. In the background, a person wearing a dark cloak is walking away from the viewer. The trees are tall and thin, creating a dense, mysterious atmosphere. The overall mood is somber and mysterious.

# Черный ящик



**Кислород,  
ковалентная  
неполярная**

The background is a dark, blue-tinted forest scene. In the foreground, a person wearing a dark cloak is walking away from the viewer. The trees are tall and thin, creating a dense, atmospheric setting. The overall mood is mysterious and somber.

# Черный ящик



**Азот,  
ковалентная  
неполярная**

A dark, blue-tinted forest scene. In the foreground, a person wearing a dark cloak is walking away from the viewer. The background is filled with tall, thin trees, creating a dense and mysterious atmosphere. The overall color palette is monochromatic, consisting of various shades of blue and black.

# Черный ящик



**Вода,  
ковалентная  
полярная**

A dark, blue-tinted forest scene. In the background, a person wearing a dark cloak is walking away from the viewer. The trees are tall and thin, creating a dense, atmospheric setting. The overall mood is mysterious and somber.

# Черный ящик

The background of the slide features a forest scene with tall, thin trees. A semi-transparent blue rectangle is overlaid on the image, containing the text. In the lower part of the blue area, there are dark silhouettes of people walking through the forest.

# Хлороводород, ковалентная полярная

The background is a dark, blue-tinted forest scene. In the foreground, a person wearing a dark cloak is walking away from the viewer. The trees are tall and thin, and the overall atmosphere is mysterious and dark.

# Черный ящик

**Вода, ковалентная  
полярная связь и  
молекулярная  
кристаллическая  
решетка**

A dark, blue-tinted forest scene. In the foreground, a person wearing a dark cloak is walking away from the viewer. The background is filled with tall, thin trees, possibly birches, creating a dense and mysterious atmosphere. The overall mood is somber and eerie.

# Черный ящик

**Поваренная соль,  
ионная химическая  
связь и  
кристаллическая  
решетка**

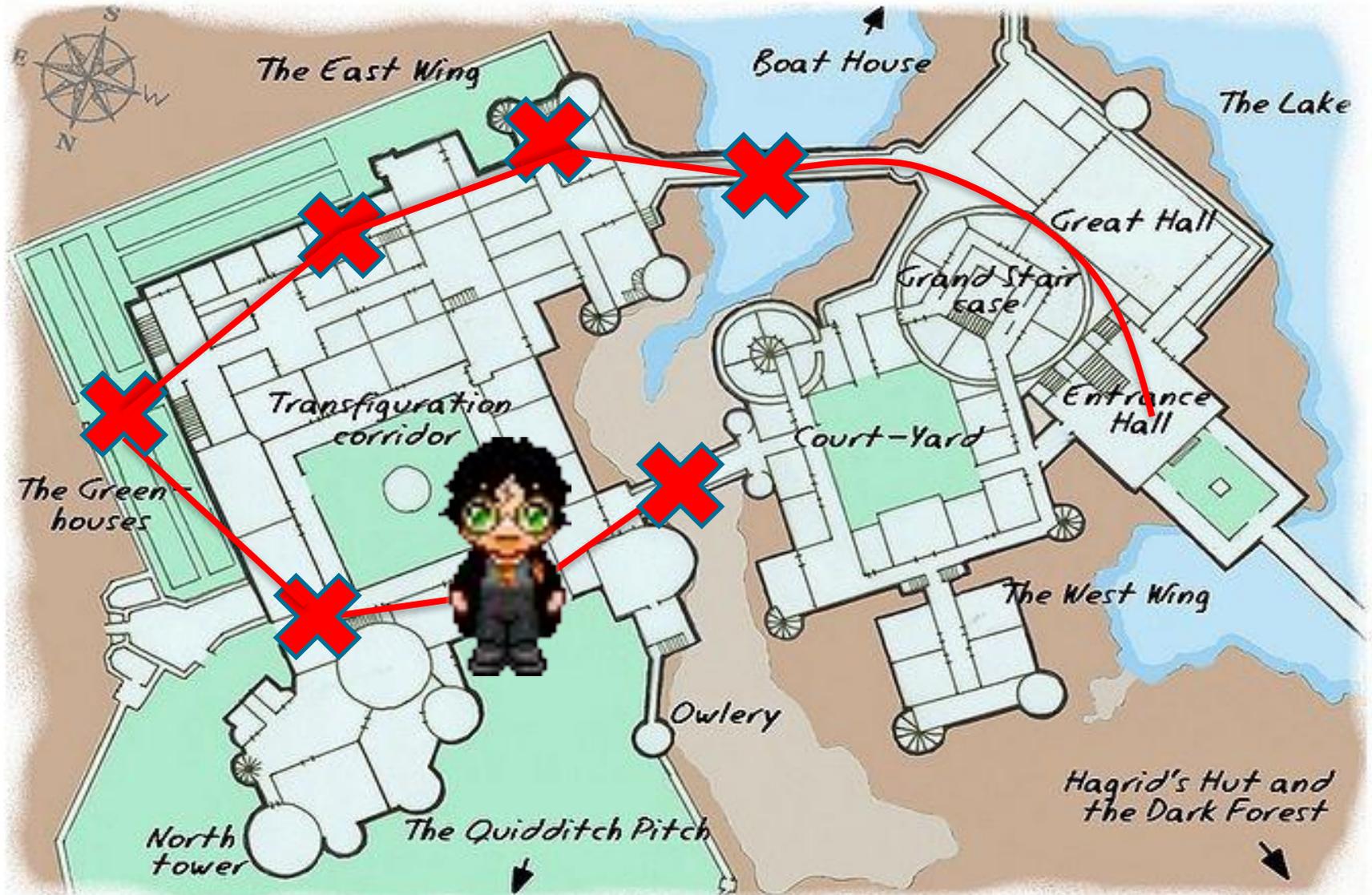
A dark, blue-tinted forest scene. In the foreground, a person wearing a dark cloak is walking away from the viewer. The background is filled with tall, thin trees, possibly birches, under a dim, blue light. The overall atmosphere is mysterious and somber.

# Черный ящик

**Железные скрепки,  
металлическая связь,  
металлическая  
кристаллическая  
решетка**

# Map of Hogwarts castle

(Ground floor)





**Нужно просто  
любить все, что  
окружает нас на  
этой планете.**



**Информация о  
домашнем задании:  
§ 20, № 6, стр. 85**



**Спасибо за  
внимание!**

