

9. kongres nastavnika matematike RH



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Erasmus + Projekt SHADOWS

School and Home use of Advanced
Digital Online Worlds in a Serious
Game



Shadows



Početak projekta: 1. rujna 2020.

Kraj projekta: 31. 12. 2022.

Partneri:

- OŠ Trnsko iz Zagreba,
- Escola Secundaria de Lagoa iz Portugala,
- Grenaa Gymnasium iz Danske
- Ingenious Knowledge, njemačka tvrtka za razvoj videoigara.



Cilj Erasmus+ projekta SHADOWS je izrada igre pomoću koje bi učenici uvježbavali i ponavljali nastavne sadržaje iz različitih nastavnih predmeta, a koja će besplatno biti dostupna učiteljima i učenicima cijele Europske unije.



Ideja ovog projekta je stvoriti igru u kojoj se učenici igraju heroja u izmišljenom kraljevstvu preplavljenom tamom.

Simbolično, tama predstavlja neznanje, a učenici trebaju raditi zajedno kako bi vratili svjetlo (koje simbolizira znanje) u kraljevstvo.



Shadows

Njihovi heroji mogu pobijediti tamu pobijedivši sile neznanja u borbi koja se pokreće uspješnim odgovaranjem na pitanja prije nego što ponestane vremena te rješavanjem malih zadataka na različitim razinama težine.

Kako bi bili uspješni, učenici trebaju steći znanja i vještine vezane uz različite predmete u školi.



Razvoj igre

OŠ Trnsko, Zagreb, 26. listopada 2021.



Shadows



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Lagoa, St. Miguel, Azori

3. – 7. travnja 2022.





Početne poteškoče





Shadows

I igra radi...





Editor za učitelje



SHADOWS

Login

Login

Student 3



Student 1





Shadows

SHADOWS

Login

Login

Email

Password

Login

[Forgot Password?](#)

Student 3



Student 1





 SHADOWS

My Campaigns

My Questions

Hello Teacher

Login

Student 3



Student 1





Shadows



My Campaigns

My Questions

Hello Teacher

Create new Campaign

This wizard will guide you through the creation of your campaign step by step.

Continue

Student 3



Student 1





My Campaigns

My Questions

Hello Teacher

Create new Campaign

Basic Information

Campaign Name

Your players will see this name.

Back

Continue

Student 3



Student 1





SHADOWS

My Campaigns

My Questions

Hello Teacher

Create new Campaign

Map Configuration

Our recommendation for 10 players:

Locations

Back

Continue





Your Map



This map was generated based on your configuration.

Regenerate





Shadows

Create new Campaign

Almost done!

Give us a moment to finalise your campaign in our session. Click the "Complete" button as soon as it appears.

Complete Setup





- General
- Monsters
- Players
- Locations
- Questions**

Configure Questions

Mathematics 7th Grade ▼

Search

- Mathematics 7th Grade
Easy
- Find the perimeter of a regular pentagon with 2 cm of side.
Mathematics 7th Grade
Easy
- Find the perimeter of a regular pentagon with 8 cm of side.
Mathematics 7th Grade
Easy
- A triangle has 10 cm on base and 10 cm in height. What is the value of the area?
Mathematics 7th Grade

Already added

- Mathematics 7th Grade
Easy
- Simplify the expression: $5(m + 2m)$
Mathematics 7th Grade
Easy
- Solve the equation: $x + 5 = 4$
Mathematics 7th Grade
Easy
- Which of the following figures is not a polygon?
Mathematics 7th Grade



See Campaign: 9. kongres

[Back to overview](#)

General **Monsters** Players Locations Questions

Monsters

Monster ID	Type	X	Y
------------	------	---	---

Configure Monsters

goblin	Mathematics 7th Grade	Easy
skeleton	Mathematics 7th Grade	Medium
dragon	Mathematics 7th Grade	Hard



Shadows

See Campaign: 9. kongres RH

[Back to overview](#)

General

Monsters

Players

Locations

Questions

Current State

Running

Campaign Code

Show this code to your students / friends so that they can join your campaign.

v4mmr

Renew

Map



My Campaigns

My Questions

Hello Teacher

Create new Question

[Click here to create a new question](#)

My Questions

Select a question to edit or delete it.

Public Published All

What is certainly considered a fossil?

Edit

What is considered a living fossil?

Edit

What is an index fossil?

Edit

What is a Facies fossil?



My Campaigns

My Questions

Hello Teacher

Create new Question

Okay! Let's create a new question

Continue

Student 3



Student 1





Shadows



My Campaigns

My Questions

Hello Teacher

Create new Question

Basic Information

Question Name

Enter a name here that describes your question perfectly for the search.

Back

Continue

Student 3

Student 1





Shadows



My Campaigns

My Questions

Hello Teacher

Create new Question

Select Main Language

Main Language

Croatian

You can change the main language later.

Back

Continue

Student 3

Student 1





Shadows



My Campaigns

My Questions

Hello [Teacher](#)

Create new Question

Select Subject

Subject

Mathematics 7th Grade

You can change the subject later.

Back

Continue

Student 3

Student 1





Shadows

[My Campaigns](#)[My Questions](#)[Hello Teacher](#)

Create new Question

Almost done!

We are creating the question for you. Give us a quick moment.

[Complete Setup](#)

Student 3



Student 1





Shadows

```
[updated_at] => 1656597007  
[translations] => Array  
{  
}  
)
```

[Back to overview](#)

General Details

Attach Image

General Details

Subject

Chose a subject that is most related to your question

Mathematics 7th Grade

Change Subject

Internal Question Name

Enter a name for your internal list of questions

Mnogokuti



Shadows

General Details

Subject

Chose a subject that is most related to your question

Mathematics 7th Grade

Change Subject

Internal Question Name

Enter a name for your internal list of questions

Mnogokuti

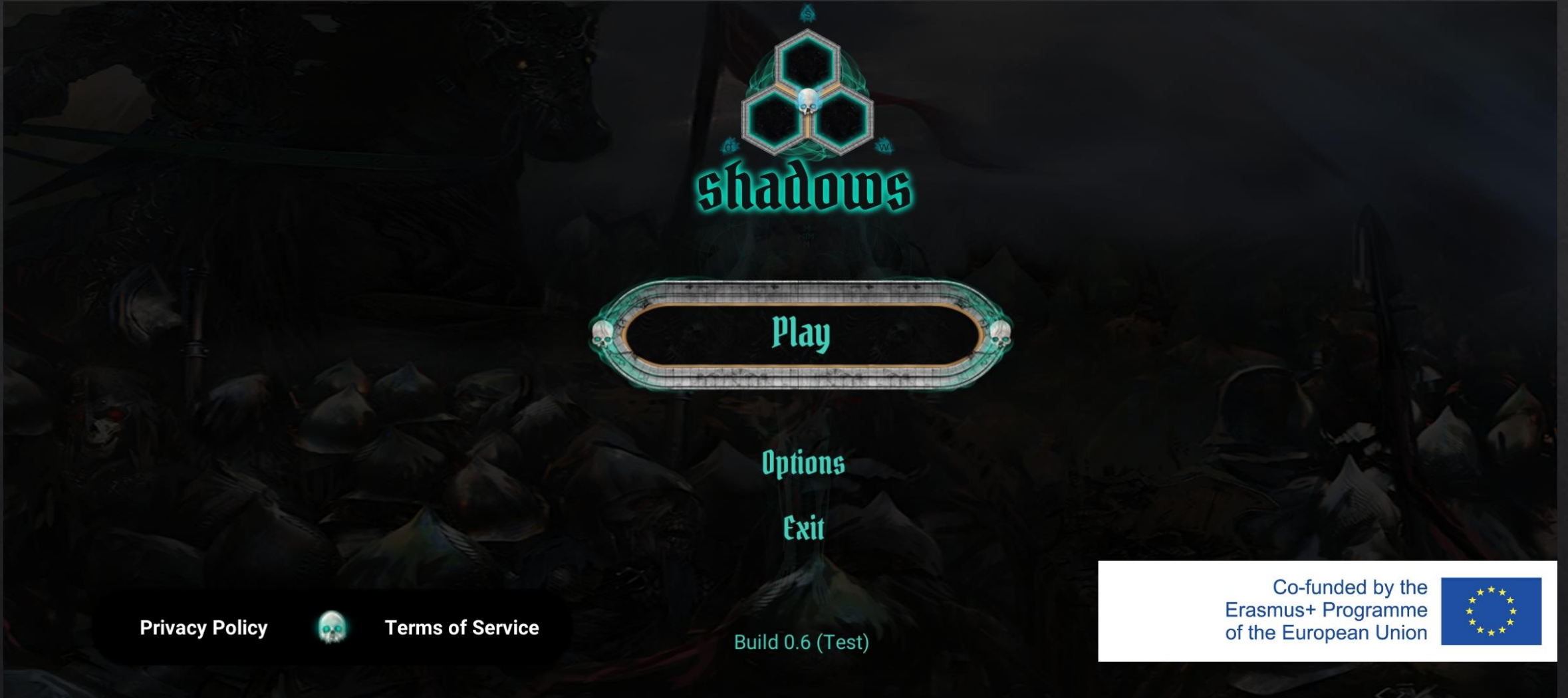
Question Details

Croatian (Original) English + New

Please select or create a language



Aplikacija

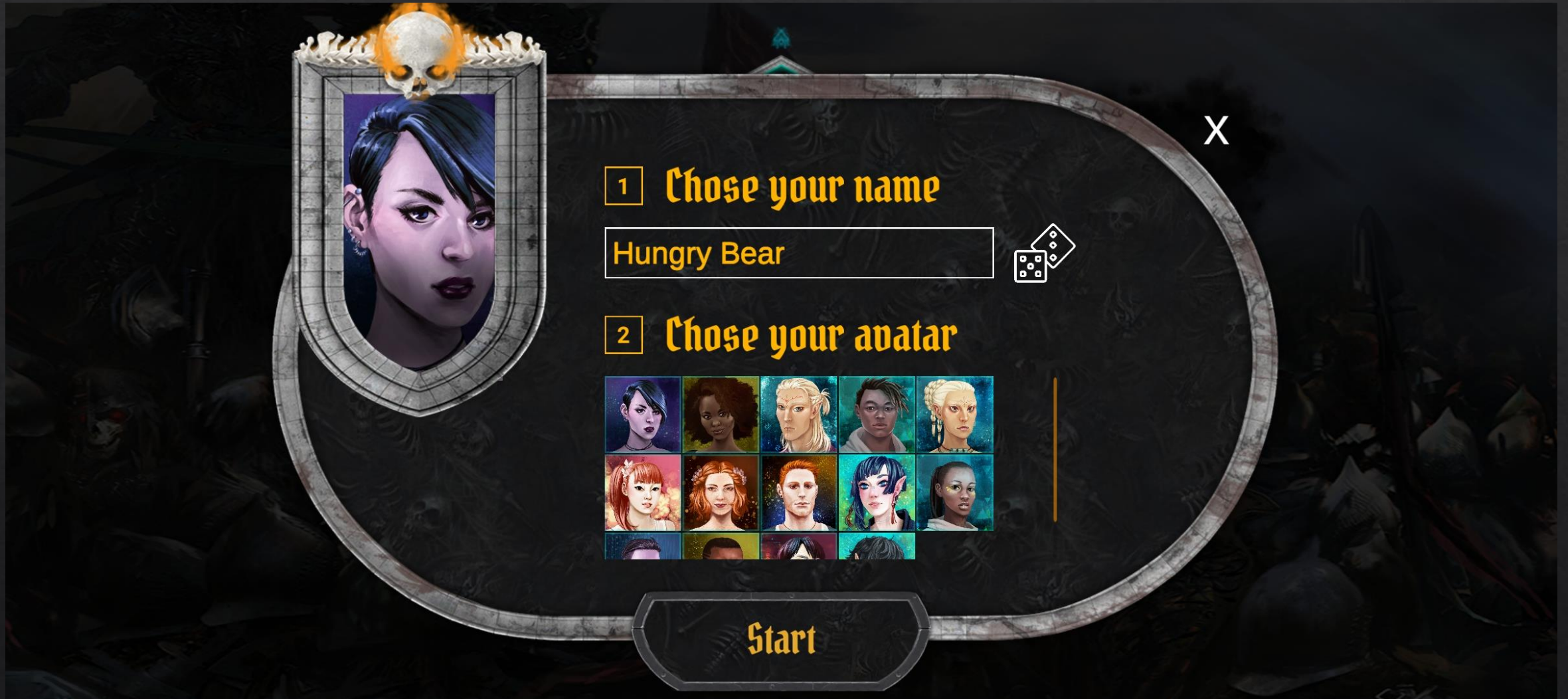





Back Join

















Shadows



1 Chose your name

Hungry Bear 

2 Chose your avatar

Start







Monster Turn Turn Movements

Evil Kraken 4 4 5

You

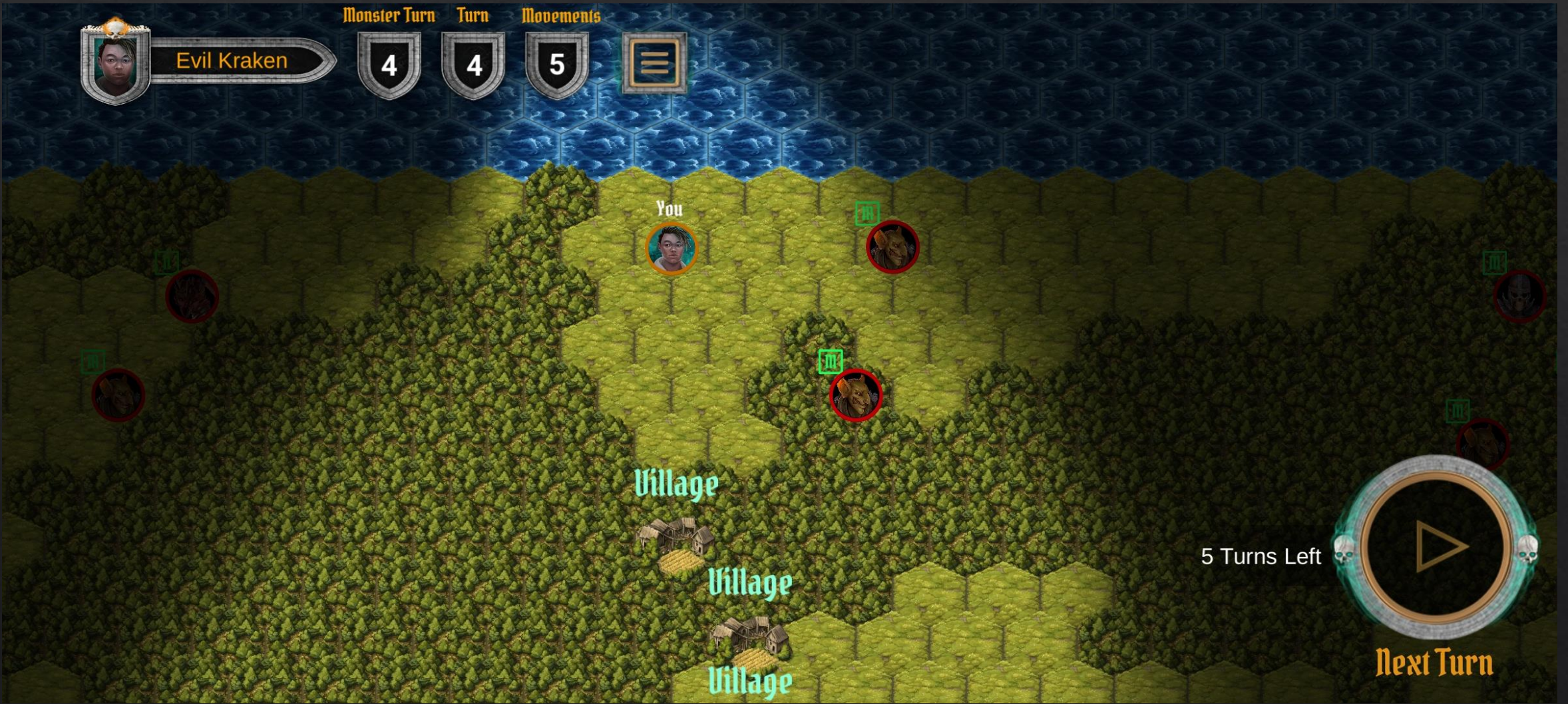
Village

Village

Village

5 Turns Left

Next Turn





The screenshot displays a board game interface. At the top, a player's name "Evil Kraken" is shown next to a portrait. Below this are three shields representing resources: "Monster Turn" (4), "Turn" (4), and "Movements" (1). A menu icon is also present. The main area is a hexagonal grid map with a forest background and several "Village" icons. A "You" character is positioned on the map, along with a "Goblin" character. On the right, a large wooden panel displays the "Goblin" character's name and "Mathematics 7th Grade" subject. Below this, a "Preparation" section shows a "You" character's portrait. At the bottom of the panel, a button says "I am ready".



Goblin



Solve the equation: $x + 3x = 8$



$x = 8/3$

$x = 5$

$x = 2$

$x = 4$

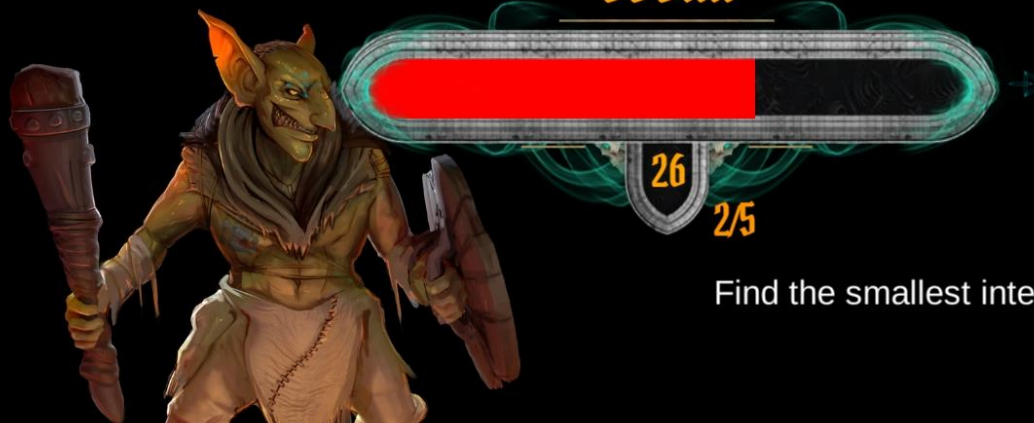


Goblin





Goblin



Find the smallest integer



8

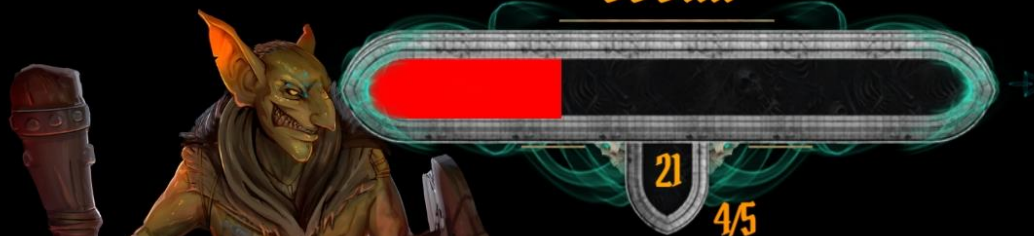
$20/5$

$100/2$

$\sqrt{9}$



Goblin



Solve the equation: $x + 15 = 25$



$x = 10$

$x = 5$

$x = 30$

$x = 40$



Victory





Shadows

Defeat



Back



Monster Turn Turn Movements

Tap where you want to move

Cancel Movement

You

Village

Village

Village

Village

5 Turns Left

Next Turn





Shadows

Victory

The shadows have been defeated!

Back To Menu



9. kongres nastavnika matematike RH



Hvala na pažnji!

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