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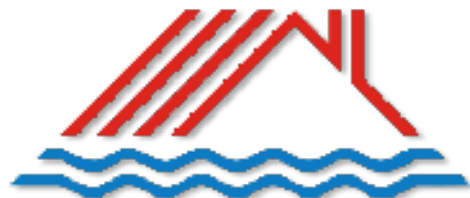
# QUALIFIED GENERATIONS WITH STEAM EDUCATION

**Stredná priemyselná škola stavebná - Építőipari Szakközépiskola, Konkolyho 8, Hurbanovo**

**2022-1-SK01-KA220-SCH-000087555**



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# THE REPUBLIC OF ROME

- IS THE SECOND ERA OF ANCIENT ROME (FROM 509 BC TO 27 BC) WHICH REPLACED THE KINGDOM OF ROME AND WAS FOLLOWED BY THE ROME EMPIRE.

0. Collect information about the Republic of Rome, how it was founded, name its significant periods and its development.



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**YOU ARE A CONSUL OF  
THE REPUBLIC OF ROME  
AND HAVE A MAJOR  
TASK BY MANDATE OF  
THE SENATE.**

**THE KING OF PONTUS  
REALLY FEELS HE CAN  
DO ANYTHING, BECAUSE  
HE IS SO FAR AWAY  
FROM ROME.**

**BUT ROME CANNOT LET  
THIS PASS!**





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**YOU ARE ORDERED TO USE THREE LEGIONS TO DEFEAT THE KING OF PONTUS!**

OF COURSE, WE  
DON'T HAVE MAPS  
FROM THAT PERIOD,  
COUNTRIES,  
BORDERS AND CITY  
NAMES HAVE  
CHANGED SINCE  
THEN, SO YOU'LL  
HAVE TO GO TO A  
SITE THAT EXISTS  
TODAY:  
[MAPS.GOOGLE.COM](https://maps.google.com)



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Campaign of Rome against PONTIUS

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## THE STRUCTURE OF YOUR LEGIONS :

1 LEGION = 10 COHORTS  
1 COHORT = 6 CENTURIES  
1 CENTURY = 80 SOLDIERS  
+ CAVALRY = 400 SOLDIERS  
+ LIGHT TROOPS = 400 SOLD.  
+ RESERVE = 400 SOLDIERS



1. IF YOU START THE EXPEDITION WITH 3 LEGIONS. HOW MANY SOLDIERS DO YOU HAVE?

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**WE WILL NEED SOME BOATS.  
FIRST WE NEED TO GET FROM  
ROME TO EPHESUS.**

**2. HOW MANY SHIPS WILL YOU  
NEED IF YOU CAN PLACE 60  
SOLDIERS ON ONE SHIP?**

**YOU KNOW: IT WOULD TAKE 5 DAYS  
TO REACH EPHESUS (NOW EPHESUS,  
TURKEY).**







**YOU HAVE TO LAND AT EPHEBUS AND THEN TRAVEL OVERLAND TO TRAPEZUNT TO DEFEAT THE PONTUS KING THERE.**

**3. HOW MANY KILOMETRES IS THE JOURNEY THERE?**

**4. HOW MANY DAYS WILL IT TAKE YOU TO GET THERE IF YOU CAN WALK 30 KILOMETRES A DAY WITH THE ARMY, AND YOU HAVE TO TAKE A REST DAY AFTER EVERY FOUR DAYS?**





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YOU BEAT THE KING OF PONTUS SO BADLY, IT'S A JOY TO WATCH. IN JUST **A SINGLE DAY**, YOU'VE DESTROYED HIS ARMY, AND YOUR SOLDIERS ARE NOW REWARDED **WITH TWO DAYS OF** PLUNDERING THE CITY OF TRAPEZUNT.

BUT THEN YOU MUST RETURN TO EPHESUS, WHERE YOU'LL NEED MORE SHIPS, AS YOU'RE CARRYING A **THOUSAND PRISONERS OF WAR** FOR THE ROMAN TRIUMPHAL MARCH, **EACH NEW SHIP HOLDING 200-200** PRISONERS OF WAR. PLUS, YOU'LL NEED **TWO MORE SHIPS** TO CARRY THE TREASURE YOU'VE STOLEN. **WE SUPPOSE, WE HAVE LOST 500 SOLDIERS**

**5. ON THE WAY HOME,  
HOW MANY SHIPS WILL  
YOU NEED?**



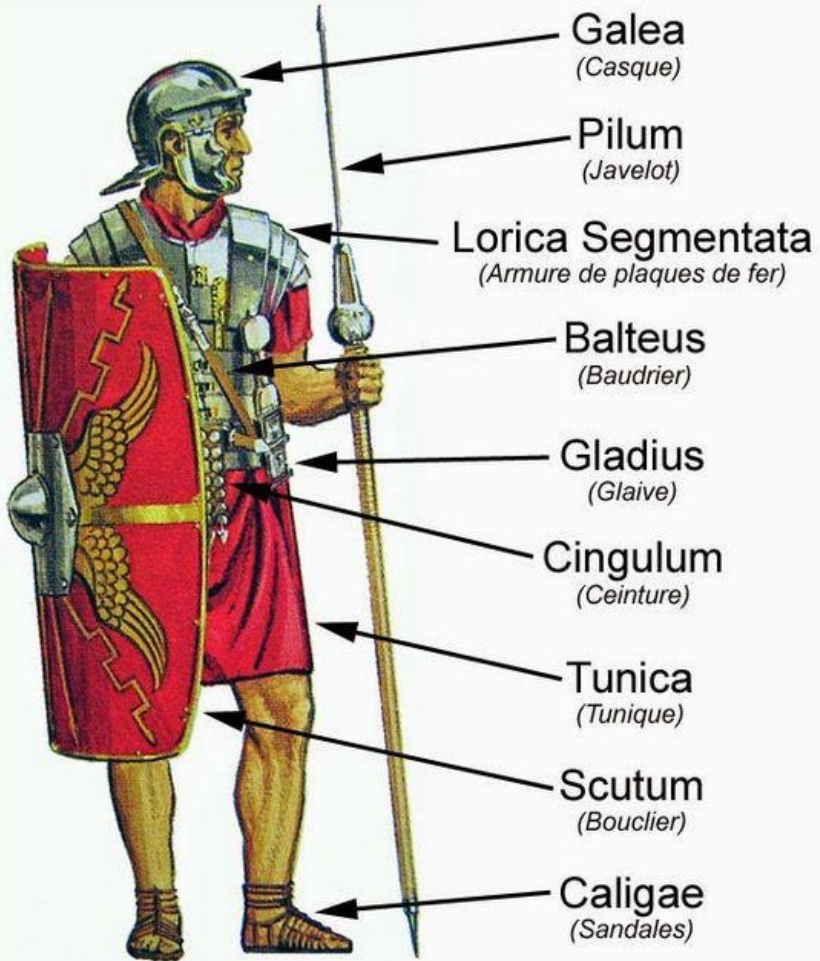




6. HOW MANY DAYS  
DID YOUR WHOLE  
EXPEDITION TAKE?

7. IF YOU LEFT ON MAY  
7-TH, ON WHICH DAY  
DID YOU RETURN WITH  
YOUR SHIPS TO THE  
PORT OF ROME?

## LEGIONNAIRE ROMAIN



## INFORMATION SEARCH:

8. TRANSLATE INTO YOUR LANGUAGE THE NAME THE PARTS OF A SOLDIER'S ARMOUR:

**Galea –**

**sisak**

**Pilum –**

**dárda**

**Lorica Segmentata –**

**vaspáncél**

**Balteus –**

**kötél**

**Gladius –**

**kard**

**Cingulum –**

**öv**

**Tunica –**

**tunika**

**Scutum –**

**pajzs**

**Caligae –**

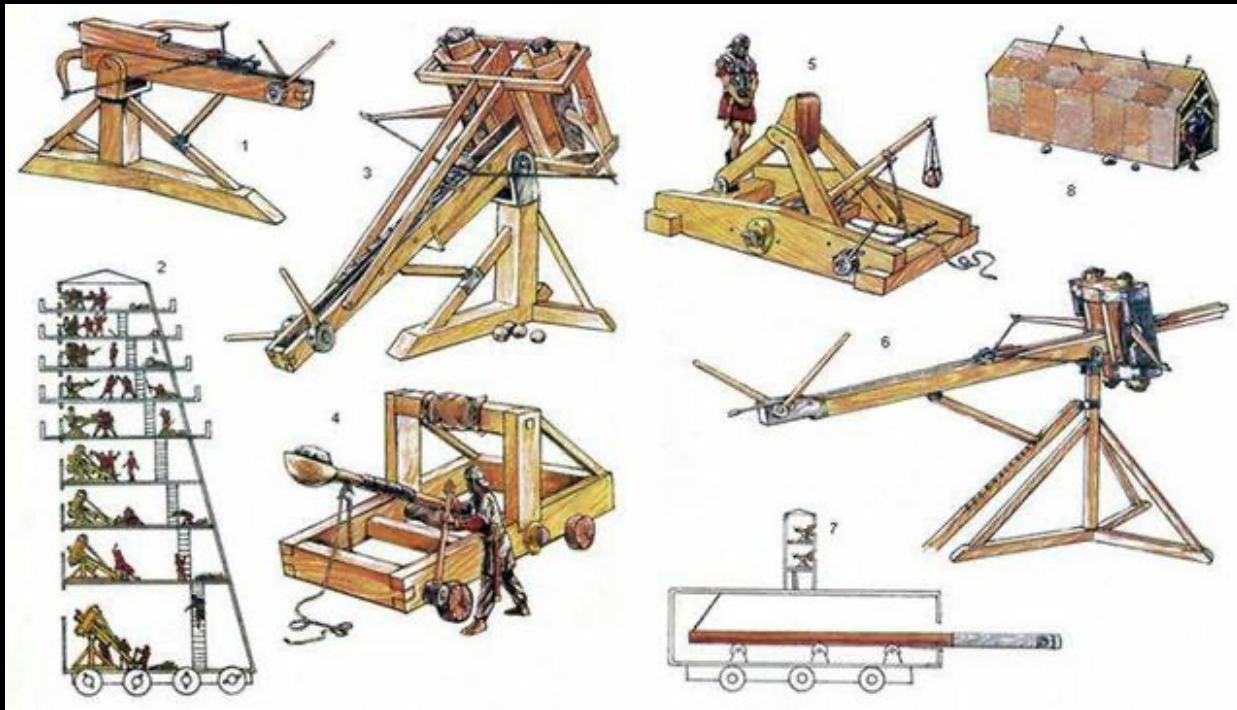
**szandál**



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**HAVE A LOOK AT THE ILLUSTRATION OF ANCIENT ROME'S MILITARY TECHNOLOGY BELOW.**

**9. WITH YOUR TEAM PLAN AND CONSTRUCT THE CATAPULT SIMILAR TO THE ONE USED BY ROMAN SOLDIERS ON THEIR CONQUESTS.**



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**Merkur, Educational Building Toys Stem Learning Kit**





**ADDITIONAL TASK:  
SEARCH INFORMATION:**

**10. SEARCH FOR INFORMATION ABOUT WHAT A ROME MILITARY CAMP LOOKED LIKE, WORK WITH YOUR TEAM TO DESIGN A CAMP FOR 3 LEGIONS. THEN PRESENT YOUR DESIGN TO THE OTHERS.**





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# BENEFITS

## Soft skills:

- team work
- critical thinking
- problem solving – strategy formulation
- decision making – draw conclusions
- ability to make compromises
- communication
- information searching on the internet, computer skills
- reading comprehension

## Knowledge in following subjects:

- Mathematics, calculations
  - Physics
  - History
  - civil engineering (roman camp, facilities)
  - modelling / prototyping
  - construction
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