### Age of Empires ECG combat results calculator

#### Tests performed on the calculator

##### Checking if the input sanitization is working

* **Check that the input quantity for each player’s battle participants (except ‘assisting monks’) must be >=1:**



* **Check that the input quantity for each player’s battle participants must be < 500**
* **Check that the input quantity for each player’s battle participants adheres to the game rules:**



* **Check that the input entity for each player’s battle participants is recognized:**



* **Check for too much input:**

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Description automatically generated

* **Check for too little input:**

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* **Check for excessive monk input:**



##### Checking if the calculations are correct

###### Kory’s 1 village vs Phillip’s 2 villagers

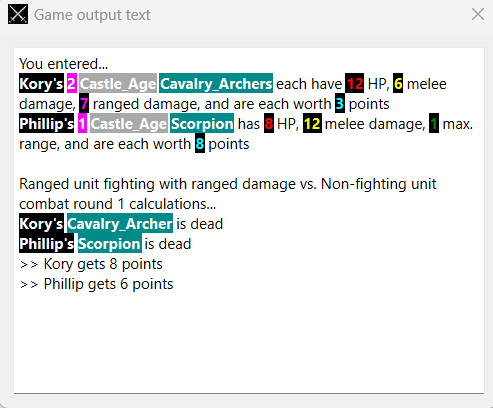
A screenshot of a video game

Description automatically generated

**Is it correct?**

Yes

###### Kory’s 2 Cavalry Archers vs Phillip’s1 Scorpion at range 0



**Is it correct?**

Yes

###### Kory’s 1 villager vs Phillip’s 2 villagers but Kory has Rally the Workers enabled

A screenshot of a video game

Description automatically generated

**Is it correct?**

Yes

###### Kory’s 3 Militia vs Phillip’s 3 Archers with no hit and run or retreating

A screenshot of a computer

Description automatically generated

**Is it correct?**

Yes

###### Kory’s 1 heavy demolition ship vs Phillip’s 1 galley

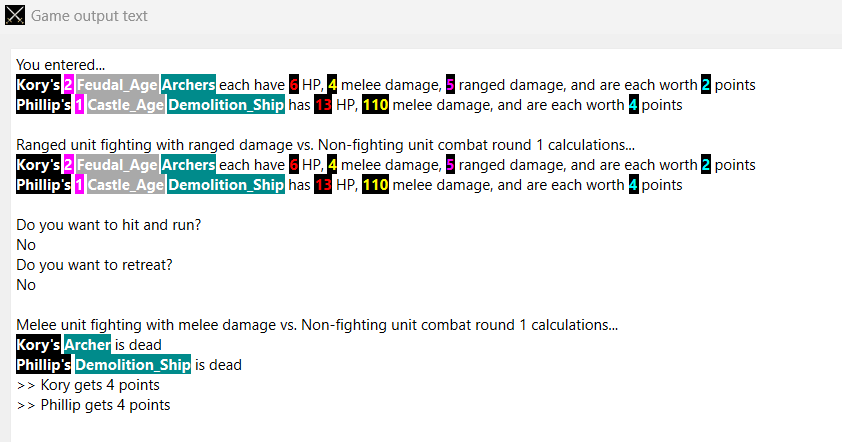
A screenshot of a computer

Description automatically generated

**Is it correct?**

Yes

###### Kory’s 2 archers vs Phillip’s 1 demo ship at range 0



**Is it correct?**

Yes

###### Kory’s 1 Trebuchet vs Phillip’s 1 Scorpion at range 2

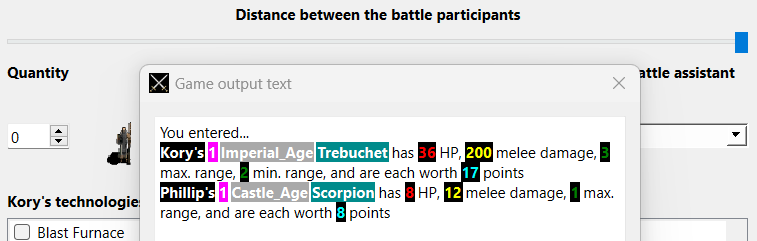
A screenshot of a computer

Description automatically generated

**Is it correct?**

Yes

###### Kory’s 1 Trebuchet vs Phillip’s1 Scorpion at range 10



**What’s depicted:** Neither of them attacking

**Is it correct?**

Yes

###### Kory’s 5 Militia vs Phillip’s 1 Watch Tower at range 1

A screenshot of a computer

Description automatically generated

**Is it correct?**

Yes

###### Kory’s 1 Champion and 5 Monks vs Phillip’s 1 Militia at range 0 with conversion selected

A screenshot of a computer

Description automatically generated

**Is it correct?**

Yes. Conversion was successful so militia was lost in the monk powers activation round