



## Lesson 4.2: The Middle Passage - math

### Answers

#### Question 1

How much space would a slave have in this situation?

Answer: approximately 0,5 m<sup>3</sup>

What does this mean for the slaves?

Answer: They had very little space, laid/sat close to each other and could not stand up straight in the slave quarters

Calculate how many cubic meters that is.

Answer: 0,357 m<sup>3</sup>

How many primary school pupils would be allowed on The Unity, according to current Dutch law?

Answer: approximately 45 (looking at the available surface area)

Are there any situations nowadays where people on ships are as cramped as the slaves on The Unity?

Answer: pupils can think of examples of the tiny boats carrying too many refugees on the passage from Africa to Europe.

#### Question 2

How much water is that?

Answer: 6720 liters

How much is that for each person?

Answer: 19 liters

How much was that per person, per day?

Answer: about 0,32 liter (one cup)

Do you think the water was really divided equally?

Own answer (think, for instance, about the division of the water over the crew and the African prisoners on board)

Would there have been a way to acquire more fresh water?

Answer: Catch rainwater.

#### Question 3

Answer:

- Saturday
- February 6th
- 12 days
- 28 - in a leap year February has 29 days

- 2014: Saturday, 2015: Sunday, etc. depending on the year this assignment is made.

#### Question 4

Answer:

	seconds	minute	hour	day
minute	60	1		
hour	3 600	60	1	
day	86 400	1 440	24	1
week	604 800	10 080	168	7
year	31 536 000	525 600	8 760	365
century	3 155 760 000	52 596 000	876 600	36 525*

\* with leapyears