



Lesson 6.1

New cargo



The delivery of the return cargo was awaited in the Demerary river. During the six-week stay in Demerary the crew had little to do. Most of the necessary repairs had been made to The Unity while in the Essequibo colony. The sails were aired regularly, the anchor ropes were mended and firewood was chopped. In November barrels and bags of sugar, coffee and other products from the plantations were brought on board. A bag of letters was also taken along, with letters from the colonists to their families in the Netherlands. Lastly water barrels were brought on board and the ship was ready for departure.

① Rows of decimals

Finish the rows

3.2 - 3.7 - ... - ... - ... - ... - ... - ... - ... - ...

5.3 - 6.8 - ... - ... - ... - ... - ... - ... - ... - ...

0.75 - 1.5 - ... - ... - ... - ... - ... - ... - ... - ...

1.65 - 2.8 - ... - ... - ... - ... - ... - ... - ... - ...

0.25 - 1.5 - ... - ... - ... - ... - ... - ... - ... - ...

② Topping up

Some barrels could hold additional sugar, we call this topping up. If a barrel can hold 150 kg, how much can you add?

137.5 kg :

140.85 kg :

149.015 kg :

95.48 kg :

104.25 kg :

④ How much is this approximately?

The captain must make good bids at auctions, so he needs to be quick at calculations.

Are you good at math? Make an estimate:

a. 6 x 3,998 =

b. 8 x 0,496 =

c. 10 x 2,503 =

d. 6 x 5,486 =

e. 4 x 7,007 =

③ Complete to 20

The captain must pay more for the coffee beans in the barrels. How much needs to be added to reach 20 guilders?

fl. 12.38 :

fl. 6.12 :

fl. 7.45 :

fl. 6.98 :

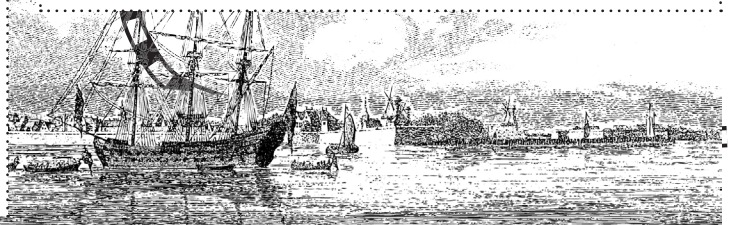
fl. 14.53 :

If you have some time left, try calculating the exact answers:

a. b.

c. d.

e.



⑤ Calculate the price per meter

The fabric loaded as cargo for Western Africa was divided in pieces.

Calculate how many meters per piece.

Fabric:		Meter per piece:
2,50	meters in 2 pieces
5,75	meters in 5 pieces
4,80	meters in 3 pieces
3,60	meters in 4 pieces
0,80	meters in 4 pieces
3,05	meters in 5 pieces
4,20	meters in 3 pieces



⑥ Comparisons

The Unity is comparable to a modern day container ship. Why is this?

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2. How many times larger do you think a container ship is than The Unity?

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3. What comparisons do you see in the manner of transport?

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4. What differences do you see in the manner of transport?

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5. What is transported by a containership?

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