



Information:

FOR THE SUPERVISOR

1. Read the information for the supervisor, the leader and the assistant out loud.
2. Observe how the leader performs actions according to the algorithm steps (on the left side).
3. Do not comment.
4. If the leader performs (tells) the written action - mark it.
5. The text in black on the right side (course of scenario) should only be read after the leader has completed the examination / assistance action.
6. **The text in gold** should not be read aloud (information for supervisor only).
7. **Active links in blue** can be clicked to listen or to view the result of the test. Let the leader view the visual material.
8. At the end of the situation, discuss the actions of the leader: what was performed well and what was not performed.

FOR THE LEADER

1. The patient should be examined as in a real life situation.
2. During the scenario **look at the algorithm (👁️), read the actions out loud (🔊), perform the action (🔨).**
3. You can give instructions to the assistant during the scenario but all assessments and decisions have to be made by you.

FOR THE ASSISTANT

1. Perform actions as instructed by the leader.


Scenario 1.2 Transport orders No. 4, 3 and 15 arrived.




Create a loading plan for one semi-trailer, starting with transport order #4.




Use the semi-trailer model and suitable pallets to submit the loading plan.


Mark the pallets with the corresponding transport order number. Add the letter "R" to the designations of significantly heavier bases.

Nr.	Steps of the algorithm <small>(performed by the leader and assistant)</small>		Course of the scenario <small>(the supervisor reads out loud - only the text that is marked black)</small>
1.	Shipment planning cargo space		
2.	See the transport order	<input type="checkbox"/>	The logistician looks at the transport order
3.	Read what special transport is and goods requiring special conditions	<input type="checkbox"/>	The logistician reads the additional material to find out what goods require special transport and special conditions

4.	Whether shipment there are special conditions the goods you need?	<input type="checkbox"/>	The logistician should check whether there is a note on the transport order that the shipment includes goods that require special conditions and make a decision, saying the decision audibly to the supervisor and the logistician's assistant: No.
5.	Calculate load meters (LDM)	<input type="checkbox"/>	The logistician calculates the loading meters (LDM). The instructor may use an online calculator. LDM 4 m, which is less than 13.6 m
6.	Is the whole the shipment fits for a semi-trailer?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the LDM of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
7.	Check the height of the shipment	<input type="checkbox"/>	The logistician checks the height of the shipment from the transport order. 
8.	Whether shipment height remains permitted to the limits?	<input type="checkbox"/>	The logistician compares the height of the shipment on the transport order and compares it with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
9.	Add shipment loading plan	<input type="checkbox"/>	
10.	Compare semi-trailer carrying capacity and the weight of the shipment	<input type="checkbox"/>	For comparison, the logistician should calculate the total weight of the transport order. $5 \cdot 700 \text{ kg} + 5 \cdot 1100 \text{ kg} = 9 \text{ t}$. The load capacity of a semi-trailer varies between 22-25 tons. We are currently considering a load capacity of 24 tons.
11.	Does the total weight remain within the allowed weight?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the load capacity of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.

12.	Does the semi trailer have any more free space next for the order?	<input type="checkbox"/>	The logistician should compare his calculated LDM and weight with the free floor space and load capacity of the semi-trailer's cargo area and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
13.	Take the next transport order	<input type="checkbox"/>	The logistician takes the next transport order.
14.	See the recipient's address on the transport order	<input type="checkbox"/>	The logistician checks the address of the recipient indicated on the transport order
15.	To the same direction still have orders?	<input type="checkbox"/>	Yes
16.	See the transport order	<input type="checkbox"/>	The logistician looks at the transport order 
17.	Read what special transport and goods requiring special conditions are	<input type="checkbox"/>	The logistician reads the additional material to find out what goods require special transport and special conditions. 
18.	Are there goods in the shipment that require special conditions?	<input type="checkbox"/>	The logistician should check whether there is a note on the transport order that the shipment includes goods that require special conditions and make a decision, saying the decision audibly to the supervisor and the logistician's assistant: No.
19.	Calculate Load Meters (LDM)	<input type="checkbox"/>	The logistician calculates the loading meters (LDM). The instructor may use an online calculator. LDM 8 m, with the previous transport order total $4+8=12$ m, which is less than 13.6 m 
20.	Will the entire shipment fit on the semi-trailer?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the LDM of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.

21.	Check the height of the shipment	<input type="checkbox"/>	The logistician checks the height of the shipment from the transport order. 
22.	Is the height of the shipment within the permitted limits?	<input type="checkbox"/>	The logistician compares the height of the shipment on the transport order and compares it with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
23.	Add the shipment to the loading plan	<input type="checkbox"/>	
24.	Compare the load capacity of the semi-trailer and the weight of the shipment	<input type="checkbox"/>	For comparison, the logistician should calculate the total weight of the transport order. $9\text{ h} + 14\text{ h} = 23\text{ h}$ The load capacity of a semi-trailer varies between 22-25 tons. We are currently considering a load capacity of 24 tons. 
25.	Is the total weight within the permitted weight limit?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the load capacity of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
26.	Is there still room in the semi-trailer for the next order?	<input type="checkbox"/>	The logistician should compare his calculated LDM and weight with the free floor space and load capacity of the semi-trailer's cargo area and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
27.	Võta järgmine veotellimus	<input type="checkbox"/>	Logistik võtab järgmise veotellimuse.
28.	See the recipient's address on the transport order	<input type="checkbox"/>	The logistician checks the address of the recipient indicated on the transport order 
29.	Are there any other orders for the same direction?	<input type="checkbox"/>	No

30.	Place heavier ones bases forward	<input type="checkbox"/>	
31.	Check the download queue (safety of shipment guarantee is priority)	<input type="checkbox"/>	
32.	Schedule a shipment cargo space, using semi-trailer model and pallets	<input type="checkbox"/>	
33.	The end		
34.	See the algorithm	<input type="checkbox"/>	
35.	Spoke in a clear audible voice	<input type="checkbox"/>	
36.	Used a semi-trailer model and suitable pallets to present the loading plan	<input type="checkbox"/>	



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6. The text in gold should not be read aloud (information for supervisor only).
7. Active links in blue can be clicked to listen or to view the result of the test. Let the leader view the visual material.
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FOR THE LEADER

1. The patient should be examined as in a real life situation.
2. During the scenario look at the algorithm (👁️), read the actions out loud (🔊), perform the action (🔧).
3. You can give instructions to the assistant during the scenario but all assessments and decisions have to be made by you.

FOR THE ASSISTANT

1. Perform actions as instructed by the leader.




Scenario 1.3 Transport orders #2, 1 and 6 have arrived.




Create a loading plan for one semi-trailer that is most profitable for the logistics company, starting with transport order #2.




Use the semi-trailer model and suitable pallets to submit the loading plan.



Mark the pallets with the corresponding transport order number. Add the letter "R" to the designations of significantly heavier bases.

Nr.	Steps of the algorithm (performed by the leader and assistant)		Course of the scenario (the supervisor reads out loud - only the text that is marked black)
1.	Shipment planning cargo space		
2.	See the transport order	<input type="checkbox"/>	The logistician looks at the transport order
3.	Read what special transport is and goods requiring special conditions	<input type="checkbox"/>	The logistician reads the additional material to find out what goods require special transport and special conditions

4.	Whether shipment there are special conditions the goods you need?	<input type="checkbox"/>	The logistician should check whether there is a note on the transport order that the shipment includes goods that require special conditions and make a decision, saying the decision audibly to the supervisor and the logistician's assistant: No.
5.	Calculate load meters (LDM)	<input type="checkbox"/>	The logistician calculates the loading meters (LDM). The instructor may use an online calculator. LDM 8 m, below 13.6 m OPEN 
6.	Is the whole the shipment fits for a semi-trailer?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the LDM of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
7.	Kontrolli saadetise kõrgust	<input type="checkbox"/>	Logistik vaatab saadetise kõrgust veotellimuselt. OPEN 
8.	Whether shipment height remains permitted to the limits?	<input type="checkbox"/>	The logistician compares the height of the shipment on the transport order and compares it with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
9.	Add shipment loading plan	<input type="checkbox"/>	
10.	Compare semi-trailer carrying capacity and the weight of the shipment	<input type="checkbox"/>	For comparison, the logistician should calculate the total weight of the transport order. $17 \cdot 800 \text{ kg} + 3 \cdot 1000 \text{ kg}$. The load capacity of a semi-trailer varies between 22-25 tons. We are currently considering a load capacity of 24 tons. OPEN 

11.	Does the total weight remain within the allowed weight?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the load capacity of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
12.	Does the semi trailer have any more free space next for the order?	<input type="checkbox"/>	The logistician should compare his calculated LDM and weight with the free floor space and load capacity of the semi-trailer's cargo area and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
13.	Take the next transport order	<input type="checkbox"/>	The logistician takes the next transport order
14.	See the recipient's address on the transport order	<input type="checkbox"/>	The logistician checks the address of the recipient indicated on the transport order 
15.	To the same direction still have orders?	<input type="checkbox"/>	Yes.
16.	See the transport order	<input type="checkbox"/>	The logistician looks at the transport order 
17.	Read what special transport and goods requiring special conditions are	<input type="checkbox"/>	The logistician reads the additional material to find out what goods require special transport and special conditions 
18.	Are there goods in the shipment that require special conditions?	<input type="checkbox"/>	The logistician should check whether there is a note on the transport order that the shipment includes goods that require special conditions and make a decision, saying the decision audibly to the supervisor and the logistician's assistant: No.

19.	Calculate Load Meters (LDM)	<input type="checkbox"/>	<p>The logistician calculates the loading meters (LDM).</p> <p>The instructor may use an online calculator. LDM 4 m, with the previous transport order total $8+4=12$ m, which is less than 13.6 m</p> <p>OPEN </p>
20.	Will the entire shipment fit on the semi-trailer?	<input type="checkbox"/>	<p>The logistician should compare the result of his calculation and the LDM of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.</p>
21.	Check the height of the shipment	<input type="checkbox"/>	<p>The logistician checks the height of the shipment from the transport order</p> <p>OPEN </p>
22.	Kas saadetise kõrgus jääb lubatud piiridesse?	<input type="checkbox"/>	<p>The logistician compares the height of the shipment on the transport order and compares it with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.</p>
23.	Add the shipment to the loading plan	<input type="checkbox"/>	
24.	Compare the load capacity of the semi-trailer and the weight of the shipment	<input type="checkbox"/>	<p>For comparison, the logistician should calculate the total weight of the transport order. $10*700$ kg + previous transport order $17*800$ kg + $3*1000 = 23.6$ t</p> <p>The load capacity of a semi-trailer varies between 22-25 tons. We are currently considering a load capacity of 24 tons</p> <p>OPEN </p>
25.	Is the total weight within the permitted weight limit?	<input type="checkbox"/>	<p>The logistician should compare the result of his calculation and the load capacity of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.</p>

26.	Is there still room in the semi-trailer for the next order?	<input type="checkbox"/>	The logistician should compare his calculated LDM and weight with the free floor space and load capacity of the semi-trailer's cargo area and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
27.	Take the next transport order	<input type="checkbox"/>	The logistician takes the next transport order
28.	See the recipient's address on the transport order	<input type="checkbox"/>	The logistician checks the address of the recipient indicated on the transport order 
29.	Are there any other orders for the same direction?	<input type="checkbox"/>	No
30.	Place heavier ones bases forward	<input type="checkbox"/>	
31.	Check the download queue (safety of shipment guarantee is priority)	<input type="checkbox"/>	
32.	Schedule a shipment cargo space, using semi-trailer model and pallets	<input type="checkbox"/>	
33.	The end		
34.	See the algorithm	<input type="checkbox"/>	
35.	Spoke in a clear audible voice	<input type="checkbox"/>	
36.	Used a semi-trailer model and suitable pallets to simulate the loading plan	<input type="checkbox"/>	



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FOR THE LEADER

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FOR THE ASSISTANT

1. Perform actions as instructed by the leader.




Scenario 1.3 Transport orders #2, 1 and 6 have arrived.




Create a loading plan for one semi-trailer that is most profitable for the logistics company, starting with transport order #2.




Use the semi-trailer model and suitable pallets to submit the loading plan.

Mark the pallets with the corresponding transport order number. Add the letter "R" to the designations of significantly heavier bases.

Nr.	Steps of the algorithm (performed by the leader and assistant)		Course of the scenario (the supervisor reads out loud - only the text that is marked black)
1.	Shipment planning cargo space		
2.	See the transport order	<input type="checkbox"/>	The logistician looks at the transport order OPEN
3.	Read what special transport is and goods requiring special conditions	<input type="checkbox"/>	The logistician reads the additional material to find out what goods require special transport and special conditions OPEN

4.	Whether shipment there are special conditions the goods you need?	<input type="checkbox"/>	The logistician should check whether there is a note on the transport order that the shipment includes goods that require special conditions and make a decision, saying the decision audibly to the supervisor and the logistician's assistant: No.
5.	Calculate load meters (LDM)	<input type="checkbox"/>	The logistician calculates the loading meters (LDM). The instructor may use an online calculator. LDM 8 m, below 13.6 m OPEN 
6.	Is the whole the shipment fits for a semi-trailer?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the LDM of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
7.	Check the height of the shipment	<input type="checkbox"/>	The logistician checks the height of the shipment from the transport order OPEN 
8.	Whether shipment height remains permitted to the limits?	<input type="checkbox"/>	The logistician compares the height of the shipment on the transport order and compares it with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
9.	Add shipment loading plan	<input type="checkbox"/>	
10.	Compare semi-trailer carrying capacity and the weight of the shipment	<input type="checkbox"/>	For comparison, the logistician should calculate the total weight of the transport order. 17*800 kg + 3*1000 kg. The load capacity of a semi-trailer varies between 22-25 tons. We are currently considering a load capacity of 24 tons. OPEN 

11.	Does the total weight remain within the allowed weight?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the load capacity of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
12.	Does the semi trailer have any more free space next for the order?	<input type="checkbox"/>	The logistician should compare his calculated LDM and weight with the free floor space and load capacity of the semi-trailer's cargo area and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
13.	Take the next transport order	<input type="checkbox"/>	The logistician takes the next transport order
14.	See the recipient's address on the transport order	<input type="checkbox"/>	The logistician checks the address of the recipient indicated on the transport order 
15.	To the same direction still have orders?	<input type="checkbox"/>	Yes.
16.	See the transport order	<input type="checkbox"/>	The logistician looks at the transport order 
17.	Read what special transport and goods requiring special conditions are	<input type="checkbox"/>	The logistician reads the additional material to find out what goods require special transport and special conditions 
18.	Are there goods in the shipment that require special conditions?	<input type="checkbox"/>	The logistician should check whether there is a note on the transport order that the shipment includes goods that require special conditions and make a decision, saying the decision audibly to the supervisor and the logistician's assistant: No.

19.	Calculate Load Meters (LDM)	<input type="checkbox"/>	<p>The logistician calculates the loading meters (LDM).</p> <p>The instructor may use an online calculator. LDM 4 m, with the previous transport order total $8+4=12$ m, which is less than 13.6 m</p> <p>OPEN </p>
20.	Will the entire shipment fit on the semi-trailer?	<input type="checkbox"/>	<p>The logistician should compare the result of his calculation and the LDM of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.</p>
21.	Check the height of the shipment	<input type="checkbox"/>	<p>The logistician checks the height of the shipment from the transport order</p> <p>OPEN </p>
22.	Is the height of the shipment within the permitted limits?	<input type="checkbox"/>	<p>The logistician compares the height of the shipment on the transport order and compares it with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.</p>
23.	Add the shipment to the loading plan	<input type="checkbox"/>	
24.	Compare the load capacity of the semi-trailer and the weight of the shipment	<input type="checkbox"/>	<p>For comparison, the logistician should calculate the total weight of the transport order. $5*700$ kg + $5*1100$kg+ previous transport order $17*800$ kg + $3*1000$ = 25.6 t</p> <p>The load capacity of a semi-trailer varies between 22-25 tons. We are currently considering a load capacity of 24 tons.</p> <p>OPEN </p>
25.	Is the total weight within the permitted weight limit?	<input type="checkbox"/>	<p>The logistician should compare the result of his calculation and the load capacity of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.</p>



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7. Active links in blue can be clicked to listen or to view the result of the test. Let the leader view the visual material.
8. At the end of the situation, discuss the actions of the leader: what was performed well and what was not performed.

FOR THE LEADER

1. The patient should be examined as in a real life situation.
2. During the scenario look at the algorithm (👁️), read the actions out loud (🔊), perform the action (🔧).
3. You can give instructions to the assistant during the scenario but all assessments and decisions have to be made by you.

FOR THE ASSISTANT




1. Perform actions as instructed by the leader.




Scenario 1.3 Transport orders #2, 1 and 6 have arrived.


Create a loading plan for one semi-trailer that is most profitable for the logistics company, starting with transport order #2.


Use the semi-trailer model and suitable pallets to submit the loading plan.

Mark the pallets with the corresponding transport order number. Add the letter "R" to the designations of significantly heavier bases.

Nr.	Steps of the algorithm (performed by the leader and assistant)		Course of the scenario (the supervisor reads out loud - only the text that is marked black)
1.	Shipment planning cargo space		
2.	See the transport order	<input type="checkbox"/>	The logistician looks at the transport order 
3.	Read what special transport is and goods requiring special conditions	<input type="checkbox"/>	The logistician reads the additional material to find out what goods require special transport and special conditions 

4.	Whether shipment there are special conditions the goods you need?	<input type="checkbox"/>	The logistician should check whether there is a note on the transport order that the shipment includes goods that require special conditions and make a decision, saying the decision audibly to the supervisor and the logistician's assistant: No.
5.	Calculate load meters (LDM)	<input type="checkbox"/>	The logistician calculates the loading meters (LDM). The instructor may use an online calculator. LDM 8 m, below 13.6 m OPEN 
6.	Is the whole the shipment fits for a semi-trailer?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the LDM of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
7.	Check the height of the shipment	<input type="checkbox"/>	The logistician checks the height of the shipment from the transport order. OPEN 
8.	Whether shipment height remains permitted to the limits?	<input type="checkbox"/>	The logistician compares the height of the shipment on the transport order and compares it with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
9.	Add shipment loading plan	<input type="checkbox"/>	
10.	Compare semi-trailer carrying capacity and the weight of the shipment	<input type="checkbox"/>	For comparison, the logistician should calculate the total weight of the transport order. 20*1500 kg. The load capacity of a semi-trailer varies between 22-25 tons. We are currently considering a load capacity of 24 tons. OPEN 

11.	Does the total weight remain within the allowed weight?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the load capacity of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
12.	Koosta laadimisplaan, jättes kaubaruumi sobimatud alused välja.	<input type="checkbox"/>	Logistik ütleb, mitu alust mis kaaluga ja mis sihtkohta ta sellest plaanist välja jätab (st lattu maha jätab).
13.	Place heavier ones bases forward	<input type="checkbox"/>	
14.	Check the download queue (safety of shipment guarantee is priority)	<input type="checkbox"/>	
15.	Schedule a shipment cargo space, using semi-trailer model and pallets	<input type="checkbox"/>	
16.	The end		
17.	See the algorithm	<input type="checkbox"/>	
18.	Spoke in a clear audible voice	<input type="checkbox"/>	
19.	Used a semi-trailer model and suitable pallets to simulate the loading plan	<input type="checkbox"/>	

26.	Koosta laadimisplaan, jättes kaubaruumi sobimatud alused välja.	<input type="checkbox"/>	Logistik ütleb, mitu alust mis kaaluga ja mis sihtkohta ta sellest plaanist välja jätab (st maha jätab). Vähemalt ühe kliendi tellimus tuleks täita täies mahus.
27.	Place heavier ones bases forward	<input type="checkbox"/>	
28.	Check the download queue (safety of shipment guarantee is priority)	<input type="checkbox"/>	
29.	Schedule a shipment cargo space, using semi-trailer model and pallets	<input type="checkbox"/>	
30.	The end		
31.	See the algorithm	<input type="checkbox"/>	
32.	Spoke in a clear audible voice	<input type="checkbox"/>	
33.	Used a semi-trailer model and suitable pallets to simulate the loading plan	<input type="checkbox"/>	



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FOR THE LEADER

1. The patient should be examined as in a real life situation.
2. During the scenario look at the algorithm (👁️), read the actions out loud (🔊), perform the action (👉).
3. You can give instructions to the assistant during the scenario but all assessments and decisions have to be made by you.

FOR THE ASSISTANT

1. Perform actions as instructed by the leader.




Scenario 1.6 Transport orders No. 3, 6 and 15 arrived.



Create a loading plan for one semi-trailer, starting with transport order #3.

Use the semi-trailer model and suitable pallets to submit the loading plan.

Mark the pallets with the corresponding transport order number or consignee. Add the letter "R" to the designations of significantly heavier bases.

Nr.	Steps of the algorithm (performed by the leader and assistant)		Course of the scenario (the supervisor reads out loud - only the text that is marked black)
1.	Shipment planning cargo space		
2.	See the transport order	<input type="checkbox"/>	The logistician looks at the transport order
3.	Read what special transport is and goods requiring special conditions	<input type="checkbox"/>	The logistician reads the additional material to find out what goods require special transport and special conditions

4.	Whether shipment there are special conditions the goods you need?	<input type="checkbox"/>	The logistician should check whether there is a note on the transport order that the shipment includes goods requiring special conditions and make a decision by telling the decision supervisor and the logistician's assistant audibly: No.
5.	Calculate load meters (LDM)	<input type="checkbox"/>	<p>The logistician calculates the loading meters (LDM).</p> <p>The instructor may use an online calculator. LDM 8 m.</p> <p>OPEN </p>
6.	Is the whole the shipment fits for a semi-trailer?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the LDM of the semi-trailer (13.6 m) and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
7.	Check the height of the shipment	<input type="checkbox"/>	<p>The logistician checks the height of the shipment from the transport order</p> <p>OPEN </p>
8.	Whether shipment height remains permitted to the limits?	<input type="checkbox"/>	The logistician compares the height of the shipment on the transport order and compares it with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
9.	Compare semi-trailer carrying capacity and the weight of the shipment	<input type="checkbox"/>	<p>For comparison, the logistician should calculate the total weight of the transport order. 20*700 kg (14 t).</p> <p>The load capacity of a semi-trailer varies between 22-25 tons. We are currently considering a load capacity of 24 tons.</p> <p>OPEN </p>

10.	Does the total weight remain within the allowed weight?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the load capacity of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
11.	Lisa alused laadimisplaani	<input type="checkbox"/>	
12.	Does the semi trailer have any more free space next for the order?	<input type="checkbox"/>	The logistician should compare his calculated LDM and weight with the free floor space and load capacity of the cargo area of the semi-trailer and make a decision by saying audibly to the supervisor and logistician assistant: Yes.
13.	Võta järgmine veotellimus	<input type="checkbox"/>	The logistician takes the next transport order.
14.	See on the transport order address of the recipient	<input type="checkbox"/>	The logistician checks the address of the recipient indicated on the transport order.
15.	To the same direction still have orders?	<input type="checkbox"/>	No.
16.	Place heavier ones bases forward	<input type="checkbox"/>	In this task, it is not necessary to place the goods in front, since a total of max. 8 LDM is loaded. 
17.	Check the download queue (safety of shipment guarantee is priority)	<input type="checkbox"/>	
18.	Schedule a shipment cargo space, using semi-trailer model and pallets	<input type="checkbox"/>	Solution: the logistician chooses the Tartu direction because there are the most vessels there (20 vessels, 8 LDM). Orders from Tallinn and Pärnu will be left behind from this round of transport. 
19.	The end		
20.	Looked at the algorithm	<input type="checkbox"/>	

21.	Spoke in a clear audible voice	<input type="checkbox"/>	
22.	Used a semi-trailer model and suitable pallets to create a loading plan	<input type="checkbox"/>	



Information:

FOR THE SUPERVISOR

1. Read the information for the supervisor, the leader and the assistant out loud.
2. Observe how the leader performs actions according to the algorithm steps (on the left side).
3. Do not comment.
4. If the leader performs (tells) the written action - mark it.
5. The text in black on the right side (course of scenario) should only be read after the leader has completed the examination / assistance action.
6. The text in gold should not be read aloud (information for supervisor only).
7. Active links in blue can be clicked to listen or to view the result of the test. Let the leader view the visual material.
8. At the end of the situation, discuss the actions of the leader: what was performed well and what was not performed.

FOR THE LEADER

1. The patient should be examined as in a real life situation.
2. During the scenario **look at the algorithm (👁️), read the actions out loud (🔊), perform the action (🔨).**
3. You can give instructions to the assistant during the scenario but all assessments and decisions have to be made by you.

FOR THE ASSISTANT

1. Perform actions as instructed by the leader.




Scenario 1.7 Transport orders No. 4, 5 and 15 have arrived.



Create a loading plan for one semi-trailer, starting with transport order #4.




Use the semi-trailer model and suitable pallets to submit the loading plan.


Mark the pallets with the corresponding transport order number or consignee. Add the letter "R" to the designations of significantly heavier bases.

Nr.	Steps of the algorithm <small>(performed by the leader and assistant)</small>		Course of the scenario <small>(the supervisor reads out loud - only the text that is marked black)</small>
1.	Shipment planning cargo space		
2.	See the transport order	<input type="checkbox"/>	The logistician looks at the transport order
3.	Read what special transport is and goods requiring special conditions	<input type="checkbox"/>	The logistician reads the additional material to find out what goods require special transport and special conditions

4.	Whether shipment there are special conditions the goods you need?	<input type="checkbox"/>	The logistician should check whether there is a note on the transport order that the shipment includes goods requiring special conditions and make a decision by telling the decision supervisor and the logistician's assistant audibly: No.
5.	Calculate load meters (LDM)	<input type="checkbox"/>	The logistician calculates the loading meters (LDM). The instructor may use an online calculator. LDM 4 m. OPEN 
6.	Is the whole the shipment fits for a semi-trailer?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the LDM of the semi-trailer (13.6 m) and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
7.	Check the height of the shipment	<input type="checkbox"/>	The logistician checks the height of the shipment from the transport order OPEN 
8.	Whether shipment height remains permitted to the limits?	<input type="checkbox"/>	The logistician compares the height of the shipment on the transport order and compares it with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
9.	Compare semi-trailer carrying capacity and the weight of the shipment	<input type="checkbox"/>	For comparison, the logistician should calculate the total weight of the transport order. $5 \cdot 700 + 5 \cdot 1100 \text{ kg (9 t)}$. The load capacity of a semi-trailer varies between 22-25 tons. We are currently considering a load capacity of 24 tons. OPEN 

10.	Does the total weight remain within the allowed weight?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the load capacity of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
11.	Lisa alused laadimisplaani	<input type="checkbox"/>	
12.	Does the semi trailer have any more free space next for the order?	<input type="checkbox"/>	The logistician should compare his calculated LDM and weight with the free floor space and load capacity of the cargo area of the semi-trailer and make a decision by saying audibly to the supervisor and logistician assistant: Yes.
13.	Võta järgmine veotellimus	<input type="checkbox"/>	The logistician takes the next transport order.
14.	See on the transport order address of the recipient	<input type="checkbox"/>	The logistician checks the address of the recipient indicated on the transport order.
15.	To the same direction still have orders?	<input type="checkbox"/>	Yes
16.	See the transport order	<input type="checkbox"/>	The logistician looks at the transport order 
17.	Are there goods in the shipment that require special conditions?	<input type="checkbox"/>	The logistician should check whether there is a note on the transport order that the shipment includes goods requiring special conditions and make a decision by telling the decision supervisor and the logistician's assistant audibly: No.
18.	Calculate Load Meters (LDM)	<input type="checkbox"/>	The logistician calculates the loading meters (LDM). The instructor may use an online calculator. LDM 8 m. 
19.	Will the entire shipment fit on the semi-trailer?	<input type="checkbox"/>	Logistik peaks võrdlema oma arvutuse tulemust ja poolhaagise LDM'i (13,6 m) ning tegema otsuse, öeldes juhendajale ja logistiku abile kuuldavalt: Jah.

20.	Check the height of the shipment	<input type="checkbox"/>	<p>The logistician checks the height of the shipment from the transport order</p> <p>OPEN </p>
21.	Is the height of the shipment within the permitted limits?	<input type="checkbox"/>	<p>The logistician compares the height of the shipment on the transport order and compares it with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.</p>
22.	Compare the load capacity of the semi-trailer and the weight of the shipment	<input type="checkbox"/>	<p>Võrdlemiseks peaks logistik arvutama veotellimuse kogukaalu. 20*1500 kg (30 t). Poolhaagise kandevõime varieerub 22-25 tonni vahel. Käesolevalt arvestame kandevõimega 24 tonni.</p> <p>OPEN </p>
23.	Is the total weight within the permitted weight limit?	<input type="checkbox"/>	<p>Logistik peaks võrdlema oma arvutuse tulemust ja poolhaagise kandevõimet ning tegema otsuse, öeldes juhendajale ja logistiku abile kuuldavalt: Ei.</p>
24.	Add bases to the loading plan	<input type="checkbox"/>	<p>Logistik planeerib kaubaruumi ainult sobivad alused.</p>
25.	Place heavier ones bases forward	<input type="checkbox"/>	<p>In this task, it is not necessary to place the goods in front, since a total of max. 8 LDM is loaded</p> <p>OPEN </p>
26.	Check the download queue (safety of shipment guarantee is priority)	<input type="checkbox"/>	

27.	Schedule a shipment cargo space, using semi-trailer model and pallets	<input type="checkbox"/>	<p>Two solutions:</p> <p>Solution 1) Transport order No. 4 (Võru) will be taken in full, because the full volume of transport order No. 5 (Tartu customer's order) exceeds the weight. Therefore, it would be worthwhile to take 4 LDM, 3.5+5.5 t from Võru and 4 LDM, 15000 kg from the Tartu order, total tonnage 24000. In this situation, it is not necessary to place the goods forward, as only 8 LDM are loaded in total and the axle load is not exceeded, However the unloading order could be Võru and then Tartu, in order to save handling time and ensure the safety of the cargo.</p> <p>Solution 2) Only 16 trays from transport order No. 5 (Tartu shipment) will be charged, i.e. 6.4 LDM and 24 t.</p> <p>OPEN </p>
28.	The end		
29.	Vaatas algoritmi	<input type="checkbox"/>	
30.	Spoke in a clear audible voice	<input type="checkbox"/>	
31.	Used a semi-trailer model and suitable pallets to create a loading plan	<input type="checkbox"/>	



Information:

FOR THE SUPERVISOR

1. Read the information for the supervisor, the leader and the assistant out loud.
2. Observe how the leader performs actions according to the algorithm steps (on the left side).
3. Do not comment.
4. If the leader performs (tells) the written action - mark it.
5. The text in black on the right side (course of scenario) should only be read after the leader has completed the examination / assistance action.
6. The text in gold should not be read aloud (information for supervisor only).
7. Active links in blue can be clicked to listen or to view the result of the test. Let the leader view the visual material.
8. At the end of the situation, discuss the actions of the leader: what was performed well and what was not performed.

FOR THE LEADER

1. The patient should be examined as in a real life situation.
2. During the scenario look at the algorithm (👁️), read the actions out loud (🔊), perform the action (🔨).
3. You can give instructions to the assistant during the scenario but all assessments and decisions have to be made by you.




FOR THE ASSISTANT




1. Perform actions as instructed by the leader.




Scenario 1.8 Transport orders No. 3 and 7 have arrived.


Create a loading plan for one semi-trailer, starting with transport order No. 3. Use the semi-trailer model and suitable pallets to submit the loading plan. Mark the pallets with the corresponding transport order number or consignee. Add the letter "R" to mark significantly heavier bases.

Nr.	Steps of the algorithm (performed by the leader and assistant)		Course of the scenario (the supervisor reads out loud - only the text that is marked black)
1.	Shipment planning cargo space		
2.	See the transport order	<input type="checkbox"/>	The logistician looks at the transport order
3.	Read what special transport is and goods requiring special conditions	<input type="checkbox"/>	The logistician reads the additional material to find out which goods require special transport and special handling

4.	Whether shipment there are special conditions the goods you need?	<input type="checkbox"/>	The logistician should check whether there is a note on the transport order that the consignment includes goods that require special conditions and make a decision by saying the decision to the supervisor and the logistician's assistant audibly: No.
5.	Calculate load meters (LDM)	<input type="checkbox"/>	The logistician calculates the loading meters (LDM). The instructor may use an online calculator. LDM 8 m. OPEN 
6.	Is the whole the shipment fits for a semi-trailer?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the LDM of the semi-trailer (13.6 m) and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
7.	Check the height of the shipment	<input type="checkbox"/>	The logistician checks the height of the shipment from the transport order OPEN 
8.	Whether shipment height remains permitted to the limits?	<input type="checkbox"/>	The logistician compares the height of the shipment on the transport order with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
9.	Compare semi-trailer carrying capacity and the weight of the shipment	<input type="checkbox"/>	For comparison, the logistician should calculate the total weight of the transport order. 20*700 kg (14 t). The load capacity of a semi-trailer varies between 22-25 tons. We are currently considering a load capacity of 24 tons. OPEN 
10.	Does the total weight remain within the allowed weight?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the load capacity of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
11.	Lisa alused laadimisplaani	<input type="checkbox"/>	

12.	Does the semi trailer have any more free space next for the order?	<input type="checkbox"/>	The logistician should compare his calculated LDM and weight with the free floor space and load capacity of the semi-trailer's cargo area and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
13.	Võta järgmine veotellimus	<input type="checkbox"/>	The logistician takes the next transport order
14.	See on the transport order address of the recipient	<input type="checkbox"/>	The logistician checks the address of the recipient indicated on the transport order
15.	To the same direction still have orders?	<input type="checkbox"/>	Yes
16.	See the transport order	<input type="checkbox"/>	The logistician looks at the transport order 
17.	Read what special transport and goods requiring special conditions are	<input type="checkbox"/>	The logistician reads the additional material to find out which goods require special transport and special handling 
18.	Are there goods in the shipment that require special conditions?	<input type="checkbox"/>	The logistician should check whether there is a note on the transport order that the consignment includes goods that require special conditions and make a decision by saying the decision to the supervisor and the logistician's assistant audibly: No.
19.	Calculate Load Meters (LDM)	<input type="checkbox"/>	Logistik arvutab laadimismeetrid (LDM). Juhendaja võib kasutada veebikalkulaatorit. LDM 6 m. 
20.	Will the entire shipment fit on the semi-trailer?	<input type="checkbox"/>	The logistician should compare the result of his calculation (8+4+2 LDM) and the LDM of the semi-trailer (13.6 m) and make a decision by saying audibly to the supervisor and the logistician's assistant: No.

21.	Add only those bases that fit into the cargo area to the loading plan.	<input type="checkbox"/>	All 20 trays from transport order No. 3 (Tartu customer) can fit, in addition, 13 trays from transport order No. 7 (Võru customer) can fit, 2 trays are left behind.
22.	Check the height of the shipment	<input type="checkbox"/>	The logistician checks the height of the shipment from the transport order 
23.	Is the height of the shipment within the permitted limits?	<input type="checkbox"/>	The logistician compares the height of the shipment on the transport order with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
24.	Compare the load capacity of the semi-trailer and the weight of the shipment	<input type="checkbox"/>	For comparison, the logistician should calculate the total weight of the transport order. The load capacity of a semi-trailer varies between 22-25 tons. We are currently considering a load capacity of 25 tons. 
25.	Is the total weight within the permitted weight limit?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the load capacity of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
26.	Add bases to the loading plan	<input type="checkbox"/>	
27.	Is there still room in the semi-trailer for the next order?	<input type="checkbox"/>	The logistician should compare his calculated LDM and weight with the free floor space and load capacity of the cargo area of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: No.
28.	Place heavier ones bases forward	<input type="checkbox"/>	
29.	Check the download queue (safety of shipment guarantee is priority)	<input type="checkbox"/>	The rope goes to the front of the trailer, taller ones in front

30.	Schedule a shipment cargo space, using semi-trailer model and pallets	<input type="checkbox"/>	<p>The Tartu order fits everything, the Võru order is 2 trays behind. Võru goods at the front of the trailer from the calculated bases of the loading plan. The loading plan should have a total of 13.2 LDM, so the last bases are placed vertically.</p> <p>OPEN </p>
31.	The end		
32.	Looked at the algorithm	<input type="checkbox"/>	
33.	Spoke in a clear audible voice	<input type="checkbox"/>	
34.	Used a semi-trailer model and suitable pallets to create a loading plan.	<input type="checkbox"/>	



Information:

FOR THE SUPERVISOR

1. Read the information for the supervisor, the leader and the assistant out loud.
2. Observe how the leader performs actions according to the algorithm steps (on the left side).
3. Do not comment.
4. If the leader performs (tells) the written action - mark it.
5. The text in black on the right side (course of scenario) should only be read after the leader has completed the examination / assistance action.
6. The text in gold should not be read aloud (information for supervisor only).
7. Active links in blue can be clicked to listen or to view the result of the test. Let the leader view the visual material.
8. At the end of the situation, discuss the actions of the leader: what was performed well and what was not performed.

FOR THE LEADER

1. The patient should be examined as in a real life situation.
2. During the scenario look at the algorithm (👁️), read the actions out loud (), perform the action ().
3. You can give instructions to the assistant during the scenario but all assessments and decisions have to be made by you.




FOR THE ASSISTANT




1. Perform actions as instructed by the leader.




Stsenaarium 1.9 Saabusid veotellimused nr 3, 8 ja 6.


Koosta ühe poolhaagise laadimisplaan, alustades veotellimusest nr 3, seejärel 8. Laadimisplaani esitamiseks kasuta poolhaagise mudelit ja sobivaid kaubaaluseid. Tähista kaubaalused vastava veotellimuse numbri või saajaga. Märkimisväärselt raskemate aluste tähisele lisa täht "R".

Nr.	Steps of the algorithm (performed by the leader and assistant)		Course of the scenario (the supervisor reads out loud - only the text that is marked black)
1.	Shipment planning cargo space		
2.	See the transport order	<input type="checkbox"/>	Logistik vaatab veotellimust.
3.	Read what special transport is and goods requiring special conditions	<input type="checkbox"/>	Logistik loeb lisamaterjali, et teada saada, mis on erivedu ja eringimusi vajav kaup.

4.	Whether shipment there are special conditions the goods you need?	<input type="checkbox"/>	The logistician should check whether there is a note on the transport order that the shipment includes goods that require special conditions and make a decision, saying the decision audibly to the supervisor and the logistician's assistant: No.
5.	Calculate load meters (LDM)	<input type="checkbox"/>	Logistik arvutab laadimismeetrid (LDM). Juhendaja võib kasutada . LDM 8 m. 
6.	Is the whole the shipment fits for a semi-trailer?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the LDM of the semi-trailer (13.6 m) and make a decision by saying audibly to the supervisor and the logistic assistant: Yes.
7.	Check the height of the shipment	<input type="checkbox"/>	Logistik vaatab saadetise kõrgust veotellimusest. 
8.	Whether shipment height remains permitted to the limits?	<input type="checkbox"/>	The logistician compares the height of the shipment on the transport order with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
9.	Compare semi-trailer carrying capacity and the weight of the shipment	<input type="checkbox"/>	Võrdlemiseks peaks logistik arvutama veotellimuse kogukaalu. 20*700 kg (14 t). Poolhaagise kandevõime varieerub 22-25 tonni vahel. Käesolevalt arvestame kandevõimega 24 tonni. 
10.	Does the total weight remain within the allowed weight?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the load capacity of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
11.	Lisa alused laadimisplaani	<input type="checkbox"/>	

12.	Does the semi trailer have any more free space next for the order?	<input type="checkbox"/>	The logistician should compare his calculated LDM and weight with the free floor space and load capacity of the semi-trailer's cargo area and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
13.	Võta järgmine veotellimus	<input type="checkbox"/>	The logistician takes the next transport order
14.	See on the transport order address of the recipient	<input type="checkbox"/>	The logistician checks the address of the recipient indicated on the transport order.
15.	To the same direction still have orders?	<input type="checkbox"/>	Jah
16.	See the transport order	<input type="checkbox"/>	Logistik vaatab veotellimust. 
17.	Read what special transport and goods requiring special conditions are	<input type="checkbox"/>	Logistik loeb lisamaterjali, et teada saada, mis on erivedu ja eringimusi vajav kaup. 
18.	Are there goods in the shipment that require special conditions?	<input type="checkbox"/>	The logistician should check whether there is an indication on the transport order that the shipment includes goods that need to be changed and make a decision, saying the decision audibly to the supervisor and the logistician's assistant: Yes.
19.	Does the shipment include regular goods?	<input type="checkbox"/>	Jah Logistik planeerib poolhaagisesse ainult tavakauba, sest eritingimustega kaup vajab erivedu või spetsiaalset veovahendit.
20.	Calculate Load Meters (LDM)	<input type="checkbox"/>	Logistik arvutab laadimismeetrid (LDM). Juhendaja võib kasutada . LDM 2+2, millest tavalisse poolhaagisesse võib planeerida vaid 2 LDM. 
21.	Will the entire shipment fit on the semi-trailer?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the LDM of the semi-trailer (13.6 m) and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.

22.	Kontrolli saadetise kõrgust	<input type="checkbox"/>	Logistik vaatab saadetise kõrgust veotellimusest. 
23.	Kas saadetise kõrgus jääb lubatud piiridesse?	<input type="checkbox"/>	Logistik võrdleb veotellimusel toodud saadetise kõrgust poolhaagise kõrgusega ning teeb otsuse, öeldes juhendajale ja logistiku abile kuuldavalt: Jah .
24.	Võrdle poolhaagise kandevõimet ja saadetise kaalu	<input type="checkbox"/>	Võrdlemiseks peaks logistik arvutama veotellimuse kogukaalu. Poolhaagise kandevõime varieerub 22-25 tonni vahel. Käesolevalt arvestame kandevõimega 24 tonni. 
25.	Kas kogukaal jääb lubatud kaalu piiresse?	<input type="checkbox"/>	Logistik peaks võrdlema oma arvutuse tulemust ja poolhaagise kandevõimet ning tegema otsuse, öeldes juhendajale ja logistiku abile kuuldavalt: Jah .
26.	Lisa alused laadimisplaani	<input type="checkbox"/>	
27.	Kas poolhaagisel on veel vaba ruumi järgmise tellimuse jaoks?	<input type="checkbox"/>	Logistik peaks võrdlema oma arvutatud LDM'i ja kaalu poolhaagise kaubaruumi vaba põrandapinna ja kandevõimega ning tegema otsuse, öeldes juhendajale ja logistiku abile kuuldavalt: Jah .
28.	Võta järgmine veotellimus	<input type="checkbox"/>	Logistik võtab järgmise veotellimuse.
29.	Vaata veotellimusel saaja aadressi	<input type="checkbox"/>	Logistik vaatab veotellimusel märgitud saaja aadressi.
30.	Kas samale suunale on veel tellimusi?	<input type="checkbox"/>	Ei
31.	Place heavier ones bases forward	<input type="checkbox"/>	
32.	Check the download queue (safety of shipment guarantee is priority)	<input type="checkbox"/>	

33.	Schedule a shipment cargo space, using semi-trailer model and pallets	<input type="checkbox"/>	<p>Lahendus: Tartu 8 LDM ja Võru 2 LDM, Võru saadeti paigutatakse haagise etteotsa. Veotellimust nr 6 ei arvestata laadimisplaani, sest on teine suund. OPEN </p>
34.	The end		
35.	Looked at the algorithm	<input type="checkbox"/>	
36.	Spoke in a clear audible voice	<input type="checkbox"/>	
37.	Used a semi-trailer model and suitable pallets to create a loading plan	<input type="checkbox"/>	



Information:

FOR THE SUPERVISOR

1. Read the information for the supervisor, the leader and the assistant out loud.
2. Observe how the leader performs actions according to the algorithm steps (on the left side).
3. Do not comment.
4. If the leader performs (tells) the written action - mark it.
5. The text in black on the right side (course of scenario) should only be read after the leader has completed the examination / assistance action.
6. The text in gold should not be read aloud (information for supervisor only).
7. Active links in blue can be clicked to listen or to view the result of the test. Let the leader view the visual material.
8. At the end of the situation, discuss the actions of the leader: what was performed well and what was not performed.

FOR THE LEADER

1. The patient should be examined as in a real life situation.
2. During the scenario look at the algorithm (👁️), read the actions out loud (🔊), perform the action (🔧).
3. You can give instructions to the assistant during the scenario but all assessments and decisions have to be made by you.

FOR THE ASSISTANT

1. Perform actions as instructed by the leader.

Control scene

Control scenario: Transport orders No. 8, 5 and 6 arrived.

Create a loading plan for one semi-trailer that is most profitable for the logistics company, starting with transport order #8, then #5.

Use the semi-trailer model and suitable pallets to submit the loading plan.

Mark the pallets with the corresponding transport order number or consignee. Add the letter "R" to mark significantly heavier bases.





arium: Transport orders No. 8, 5 and 6 arrived.



Create a loading plan for one semi-trailer that is most profitable for the logistics company, starting with transport order #8, then #5.





Use the semi-trailer model and suitable pallets to submit the loading plan.



Mark the pallets with the corresponding transport order number or consignee. Add the letter "R" to mark significantly heavier bases.

<p>Nr.</p>	<p>Steps of the algorithm (performed by the leader and assistant)</p>		<p>Course of the scenario (the supervisor reads out loud - only the text that is marked black)</p>
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1.	Shipment planning cargo space		
2.	See the transport order	<input type="checkbox"/>	<p>The logistician looks at the transport order</p> <p>OPEN </p>
3.	Read what special transport is and goods requiring special conditions	<input type="checkbox"/>	<p>The logistician reads the additional material to find out which goods require special transport and special handling</p> <p>OPEN </p>
4.	Are there goods in the shipment that require special conditions?	<input type="checkbox"/>	<p>The logistician should check whether there is an indication on the transport order that the shipment includes goods that need to be changed and make a decision, saying the decision audibly to the supervisor and the logistician's assistant: Yes.</p>
5.	Does the shipment include regular goods?	<input type="checkbox"/>	<p>Yes</p> <p>The logistician plans only standard goods in the semi-trailer, because goods with special conditions require special transport or a special means of transport.</p>
6.	Calculate Load Meters (LDM)	<input type="checkbox"/>	<p>The logistician calculates the loading meters (LDM). The instructor may use an online calculator. LDM 2+2, of which only 2 LDM can be planned in a normal half-hag.</p> <p>OPEN </p>
7.	Is the whole the shipment fits for a semi-trailer?	<input type="checkbox"/>	<p>The logistician should compare the result of his calculation and the LDM of the semi-trailer (13.6 m) and make a decision by saying audibly to the supervisor and the logistic assistant: Yes.</p>
8.	Check the height of the shipment	<input type="checkbox"/>	<p>The logistician checks the height of the shipment from the transport order.</p> <p>OPEN </p>

9.	Whether shipment height remains permitted to the limits?	<input type="checkbox"/>	The logistician compares the height of the shipment on the transport order with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
10.	Compare semi-trailer carrying capacity and the weight of the shipment	<input type="checkbox"/>	For comparison, the logistician should calculate the total weight of the transport order. The load capacity of a semi-trailer varies between 22-25 tons. We are currently considering a load capacity of 24 tons. OPEN 
11.	Does the total weight remain within the allowed weight?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the load capacity of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
12.	Add the bases loading plan	<input type="checkbox"/>	
13.	Does the semi trailer have any more free space next for the order?	<input type="checkbox"/>	The logistician should compare his calculated LDM and weight with the free floor space and load capacity of the semi-trailer's cargo area and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.
14.	Take the next transport order	<input type="checkbox"/>	The logistician takes the next transport order
15.	See on the transport order address of the recipient	<input type="checkbox"/>	The logistician checks the address of the recipient indicated on the transport order.
16.	To the same direction still have orders?	<input type="checkbox"/>	Yes
17.	See the transport order	<input type="checkbox"/>	The logistician looks at the transport order. OPEN 

18.	Read what special transport and goods requiring special conditions are	<input type="checkbox"/>	<p>The logistician reads the additional material to find out which goods require special transport and special handling.</p> <p>OPEN </p>
19.	Whether shipment there are special conditions the goods you need?	<input type="checkbox"/>	<p>The logistician should check whether there is a note on the transport order that the shipment includes goods that require special conditions and make a decision, saying the decision audibly to the supervisor and the logistician's assistant: No.</p>
20.	Calculate load meters (LDM)	<input type="checkbox"/>	<p>Logistik arvutab laadimismeetrid (LDM). Juhendaja võib kasutada . LDM 8 m.</p> <p>OPEN </p>
21.	Will the entire shipment fit on the semi-trailer?	<input type="checkbox"/>	<p>The logistician should compare the result of his calculation and the LDM of the semi-trailer (13.6 m) and make a decision by saying audibly to the supervisor and the logistician's assistant: Yes.</p>
22.	Check the height of the shipment	<input type="checkbox"/>	<p>The logistician checks the height of the shipment from the transport order</p> <p>OPEN </p>
23.	Is the height of the shipment within the permitted limits?	<input type="checkbox"/>	<p>The logistician compares the height of the shipment on the transport order with the height of the semi-trailer and makes a decision by saying audibly to the supervisor and the logistician's assistant: Yes.</p>
24.	Compare the load capacity of the semi-trailer and the weight of the shipment	<input type="checkbox"/>	<p>For comparison, the logistician should calculate the total weight of the transport order.</p> <p>The load capacity of a semi-trailer varies between 22-25 tons. We are currently considering a load capacity of 24 tons.</p> <p>OPEN </p>

25.	Is the total weight within the permitted weight limit?	<input type="checkbox"/>	The logistician should compare the result of his calculation and the load capacity of the semi-trailer and make a decision by saying audibly to the supervisor and the logistician's assistant: No.
26.	Plan only suitable bases in the cargo space	<input type="checkbox"/>	Logistik ei planeeri ADR kaupa ega ülearuseid aluseid (kaalu tõttu).
27.	Place heavier ones bases forward	<input type="checkbox"/>	
28.	Check the download queue (safety of shipment guarantee is priority)	<input type="checkbox"/>	
29.	Schedule a shipment cargo space, using semi-trailer model and pallets	<input type="checkbox"/>	<p>It makes sense to serve only one customer. Since the goods are heavy in the case of the Tartu customer, 16 pallets (6.4 LDM) of 1500 kg can be picked up. The Võru customer's ADR cannot be transported and it would not be possible to fulfill his order in full. Since the pricing bases for heavy goods are different, it is more profitable for the company to pick up a partial shipment to Tartu.</p> <p>Solution 2: Another option is also possible, where the shipment from Tartu is partially picked up so that the standard goods from Võru also fit. This may be necessary from the point of view of customer service, and in certain cases it may also be a problem to find shipments to the same direction, which is why Võru would be more expensive than the Tartu destination as a follow-up delivery. Transport order No. 6 is not included in the loading plan, because the weight is full, moreover, the order is for another direction.</p> 
30.	The end		
31.	Looked at the algorithm	<input type="checkbox"/>	
32.	Spoke in a clear audible voice	<input type="checkbox"/>	

33.	Used a semi-trailer model and suitable pallets to create a loading plan	<input type="checkbox"/>	
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Transport order nr ...

SENDER - RECEIVER DATA:

Sender Name:	Recivers name:
Sender's address:	Reciver's address
Country: Estonia	Country: Estonia
Email:	Email:
Phone: +372	Phone: +372

PRODUCT DATA:

The goods are ready from: dd.mm.yyyy		Estimated arrival date: dd.mm.yyyy		
PRODUCT DESCRIPTION: Standard product				
Dangerous goods	Yes	No	Notes on the item	
Thermal transport	Yes	No		
Includes batteries	Yes	No		
TYPE OF CARGO	NUMBER OF CONTAINERS	VOLUME (cbm)/ DIMENSIONS (mm):	CARGO HEIGHT (m)	WEIGHT(kg)
EUR 1		EUR 1 = 800 x 1200 x 144		
Packaging type:				
Delivery condition:		DDP		

ADDITIONAL SERVICES
Cargo insurance
Customs clearance
Payment of customs duty

PAY FOR TRANSPORT	
SENDER	RECEIVER

Goods with special conditions

<https://www.emta.ee/eraklient/saadetised-reisimine-elama-asumine/saadetised/keelatud-ja-eriloaga-kaubad>

Loading meter (LDM)

What is a loading meter (LDM)?

The loading meter is the running meter (m), meaning one running meter with the internal dimensions of a standard semi-trailer being 13.6 x 2.45 x 2.7 m above the floor in full width and height.

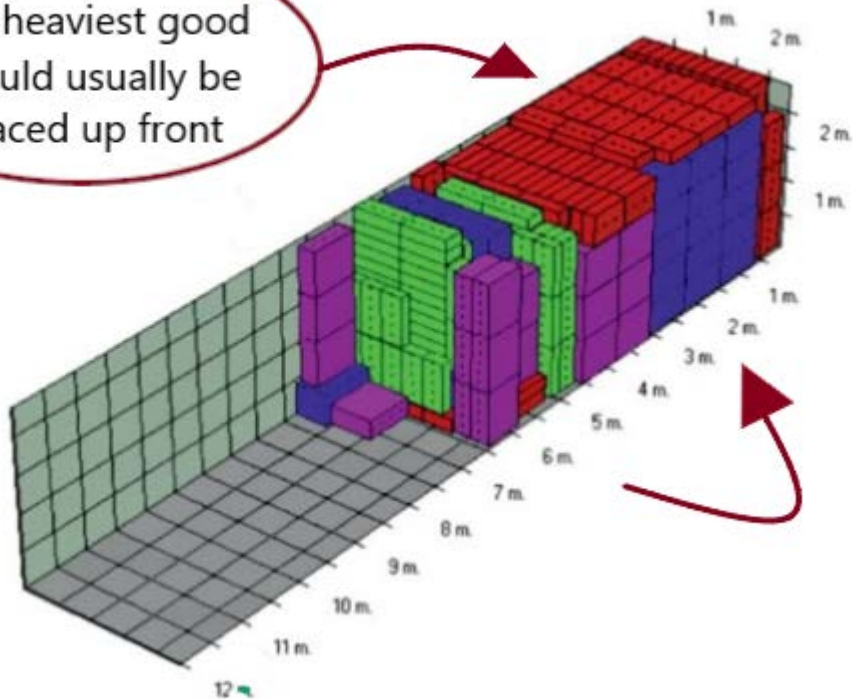
- In the case of 1.2 LDM, you need the free cargo space 1.2 x 2.45 x 2.7 m
- For 6 LDM the dimensions of the cargo space needed is 6.0 x 2.45 x 2.7 m
- For 13.6 LDM you need the whole semi-trailer 13.6 x 2.45 x 2.7m

How to calculate the loading meter (LDM) for non-standard dimensions?

Calculation: (length x width in meters) divided by 2.4. This is useful when it comes to special-sized goods that are less than the full width of a trailer (2.45m). To calculate, use formula below:

$$\text{LDM} = \text{GOODS LENGTH (m)} \times \text{GOODS WIDTH (m)} / 2.4$$

The heaviest good should usually be placed up front



Always take into account the safety of the cargo!