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Tabelle 11.1: Aufgabenstellung		Tabelle 11.2: Lösung	
	Aufgabe: Die folgenden Aussagen sind als Aussagenformeln in der Aussagenlogik formuliert. Geben Sie die Aussagen in natürlicher Sprache wieder. Geben Sie die Aussagenformeln in der Aussagenlogik wieder.		Lösung: Die Aussagen sind in natürlicher Sprache formuliert. Die Aussagenformeln sind in der Aussagenlogik formuliert.
Aussagenformel	$(A \vee B) \wedge (C \vee D)$	Aussagenformel	$(A \wedge B) \vee (C \wedge D)$
Aussage	„A oder B und C oder D“	Aussage	„A und B oder C und D“
Aussagenformel	$(A \wedge B) \vee (C \wedge D)$	Aussagenformel	$(A \vee B) \wedge (C \vee D)$
Aussage	„A und B oder C und D“	Aussage	„A oder B und C oder D“
Aussagenformel	$(A \vee B) \wedge (C \vee D)$	Aussagenformel	$(A \wedge B) \vee (C \wedge D)$
Aussage	„A oder B und C oder D“	Aussage	„A und B oder C und D“
Aussagenformel	$(A \wedge B) \vee (C \wedge D)$	Aussagenformel	$(A \vee B) \wedge (C \vee D)$
Aussage	„A und B oder C und D“	Aussage	„A oder B und C oder D“
Aussagenformel	$(A \vee B) \wedge (C \vee D)$	Aussagenformel	$(A \wedge B) \vee (C \wedge D)$
Aussage	„A oder B und C oder D“	Aussage	„A und B oder C und D“

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1 2	1. The first step in the process of identifying a problem is to define the problem. This involves identifying the symptoms and the underlying causes of the problem. Once the problem has been defined, the next step is to develop a plan of action to address the problem. This plan should be based on a thorough understanding of the problem and the resources available to address it. 2. The second step in the process of identifying a problem is to gather information. This involves collecting data and information about the problem and the resources available to address it. This information should be used to develop a plan of action to address the problem.	3. The third step in the process of identifying a problem is to develop a plan of action. This involves identifying the steps that need to be taken to address the problem. The plan should be based on a thorough understanding of the problem and the resources available to address it. Once the plan has been developed, the next step is to implement the plan. This involves taking the steps outlined in the plan to address the problem. 4. The fourth step in the process of identifying a problem is to evaluate the results. This involves assessing the effectiveness of the plan and the resources used to address the problem. This evaluation should be used to identify any areas for improvement and to develop a new plan of action if necessary.
5 6	5. The fifth step in the process of identifying a problem is to implement the plan. This involves taking the steps outlined in the plan to address the problem. The plan should be based on a thorough understanding of the problem and the resources available to address it. Once the plan has been developed, the next step is to implement the plan. 6. The sixth step in the process of identifying a problem is to evaluate the results. This involves assessing the effectiveness of the plan and the resources used to address the problem. This evaluation should be used to identify any areas for improvement and to develop a new plan of action if necessary.	7. The seventh step in the process of identifying a problem is to develop a new plan of action. This involves identifying the steps that need to be taken to address the problem. The plan should be based on a thorough understanding of the problem and the resources available to address it. Once the plan has been developed, the next step is to implement the plan. 8. The eighth step in the process of identifying a problem is to evaluate the results. This involves assessing the effectiveness of the plan and the resources used to address the problem. This evaluation should be used to identify any areas for improvement and to develop a new plan of action if necessary.
9 10	9. The ninth step in the process of identifying a problem is to develop a new plan of action. This involves identifying the steps that need to be taken to address the problem. The plan should be based on a thorough understanding of the problem and the resources available to address it. Once the plan has been developed, the next step is to implement the plan. 10. The tenth step in the process of identifying a problem is to evaluate the results. This involves assessing the effectiveness of the plan and the resources used to address the problem. This evaluation should be used to identify any areas for improvement and to develop a new plan of action if necessary.	11. The eleventh step in the process of identifying a problem is to develop a new plan of action. This involves identifying the steps that need to be taken to address the problem. The plan should be based on a thorough understanding of the problem and the resources available to address it. Once the plan has been developed, the next step is to implement the plan. 12. The twelfth step in the process of identifying a problem is to evaluate the results. This involves assessing the effectiveness of the plan and the resources used to address the problem. This evaluation should be used to identify any areas for improvement and to develop a new plan of action if necessary.
13 14	13. The thirteenth step in the process of identifying a problem is to develop a new plan of action. This involves identifying the steps that need to be taken to address the problem. The plan should be based on a thorough understanding of the problem and the resources available to address it. Once the plan has been developed, the next step is to implement the plan. 14. The fourteenth step in the process of identifying a problem is to evaluate the results. This involves assessing the effectiveness of the plan and the resources used to address the problem. This evaluation should be used to identify any areas for improvement and to develop a new plan of action if necessary.	15. The fifteenth step in the process of identifying a problem is to develop a new plan of action. This involves identifying the steps that need to be taken to address the problem. The plan should be based on a thorough understanding of the problem and the resources available to address it. Once the plan has been developed, the next step is to implement the plan. 16. The sixteenth step in the process of identifying a problem is to evaluate the results. This involves assessing the effectiveness of the plan and the resources used to address the problem. This evaluation should be used to identify any areas for improvement and to develop a new plan of action if necessary.

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