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Improving Drug Abuse Treatment for AIDS-Risk Reduction (DATAR).

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Appendix C – Additional Practice with Mapping

Instructions In Section 1, convert each of the node-link sets to a sentence or sentences, then look across to the next page for illustrated answers. Section 2 contains an exercise with illustrated answers for converting sentences to maps.

Appendix C Contents

Section 1 (Maps to Sentences) Page 114




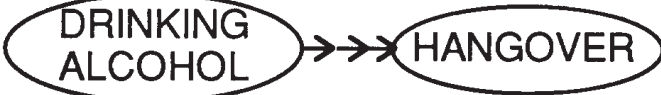
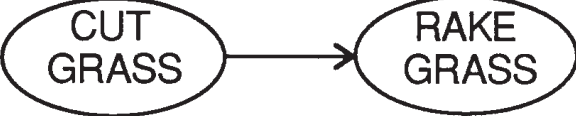
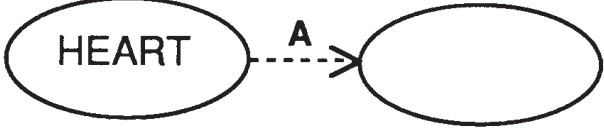
Section 2 (Sentences to Maps) Page 122

Section 1 – Maps to Sentences

MAPPING EXERCISES

Convert each of the node-link sets to a sentence or sentences, then turn to the next page for illustrated answers.



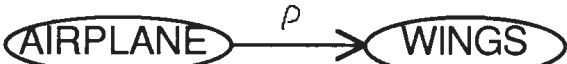
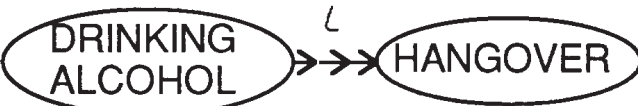
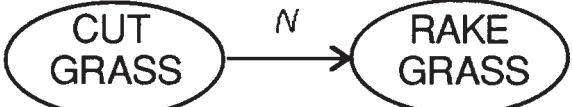
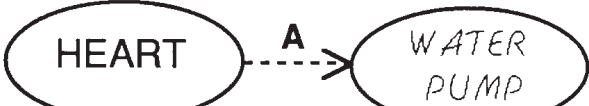
PROBLEMS

MAP	IN SENTENCE FORM
1. 	<hr/> <hr/> <hr/> <hr/>
2. 	<hr/> <hr/> <hr/> <hr/>
3. 	<hr/> <hr/> <hr/> <hr/>
4. 	<hr/> <hr/> <hr/> <hr/>
5. 	<hr/> <hr/> <hr/> <hr/>
6. 	<hr/> <hr/> <hr/> <hr/>

MAPPING EXERCISES

Answers to problems on previous page.

PROBLEMS

MAP	IN SENTENCE FORM
1. 	One type of fish is a bass; or, A bass is a type of fish.
2. 	One characteristic of a cat is that it purrs; or, Purring is a characteristic of cats.
3. 	One part of an airplane are the wings; or, Wings are a part of an airplane.
4. 	Drinking alcohol leads to a hangover.
5. 	Cut the grass and next, rake it. Or, After you cut the grass, rake it.
6. 	One analogy to a heart is a water pump; or, A water pump is analogous to a heart.

MAPPING EXERCISES

PROBLEMS

MAP	IN SENTENCE FORM
7. EXERCISE - - - - - CO -> JUST DO IT!	<div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div>
8. NUTRITION -> HEALTH	<div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div>
9. SMART GUY - - - - - -> EINSTEIN	<div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div>
10. YOU JUST WON A MILLION DOLLARS - - - - - CO -> 	<div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div>
11. - - - - - EX -> HITLER	<div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div>
12. ADVERTISING -> 	<div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div>

MAPPING EXERCISES

Answers to problems on previous page.

PROBLEMS

MAP		IN SENTENCE FORM
7.		<p>One comment about exercise is "Just do it!"</p>
8.		<p>Nutrition influences health.</p>
9.		<p>One example of a smart guy is Einstein.</p>
10.		<p>My comment about the statement, "You just won a million dollars," is "You must be kidding!"</p>
11.		<p>An example of a bad guy is Hitler.</p>
12.		<p>Advertising influences buyer behavior.</p>

MAPPING EXERCISES

PROBLEMS

	MAP	IN SENTENCE FORM
13.	<pre> graph TD A([PHYSICAL EXAMINATION]) --> B([DIAGNOSIS OF ILLNESS]) B --> C([]) C --> D([RECOVERY]) </pre>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
14.	<pre> graph TD A([UNIVERSITIES]) --> B([PRIVATE]) A --> C([]) </pre>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
15.	<pre> graph TD A([]) --> B([WORK IN HOSPITALS]) C([]) -.-> D([FLORENCE NIGHTINGALE]) </pre>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
16.	<pre> graph TD A([]) --> B([EMERGENCY ROOM]) A --> C([OPERATING ROOMS]) D([]) --> E([]) </pre>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

MAPPING EXERCISES

Answers to problems on previous page.

PROBLEMS

	MAP	IN SENTENCE FORM
13.	<pre> graph TD A([PHYSICAL EXAMINATION]) -- L --> B([DIAGNOSIS OF ILLNESS]) B -- L --> C([TREATMENT]) C -- L --> D([RECOVERY]) </pre>	<p>A physical examination can lead to a diagnosis of an illness. This leads to treatment, which leads to recovery.</p>
14.	<pre> graph TD A([UNIVERSITIES]) -- T --> B([PRIVATE]) A -- T --> C([PUBLIC]) </pre>	<p>Two types of universities are public and private.</p>
15.	<pre> graph TD A([NURSES]) -- C --> B([WORK IN HOSPITALS]) A -.- EX --> C([FLORENCE NIGHTINGALE]) </pre>	<p>Nurses work in hospitals. One example of a nurse is Florence Nightingale.</p>
16.	<pre> graph TD A([HOSPITALS]) -- P --> B([EMERGENCY ROOM]) A -- P --> C([OPERATING ROOMS]) A -- C --> D([DISTINCT ODORS]) </pre>	<p>Two parts of a hospital are the emergency room and the operating rooms. Hospitals have distinct odors.</p>

MAPPING EXERCISES

PROBLEMS

	MAP	IN SENTENCE FORM
17.	<pre> graph TD A([GRADUATE FROM HIGH SCHOOL]) --> B([GO TO COLLEGE]) C([FINANCIAL CONSIDERATIONS]) --> B B --> D([]) </pre>	<div style="border: 1px solid black; height: 100%; width: 100%;"></div>

MAPPING EXERCISES

Answers to problems on previous page.

PROBLEMS		
	MAP	IN SENTENCE FORM
17.	<pre> graph TD A([GRADUATE FROM HIGH SCHOOL]) -- N --> B([GO TO COLLEGE]) B -- N --> C([EMBARK ON A CAREER]) D([FINANCIAL CONSIDERATIONS]) -- I --> B </pre>	<p><i>You graduate from high school and next, you go to college. This is influenced by financial considerations.</i></p> <p><i>After college you next embark on a career.</i></p>

Section 2 – Sentences to Maps

MAPPING EXERCISES

Now, try to convert the following sentences into maps. Illustrative answers are on the next page.

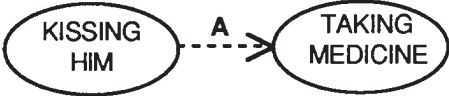
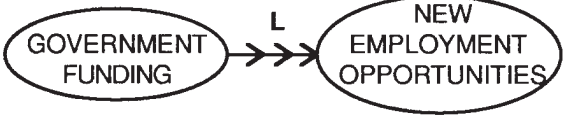
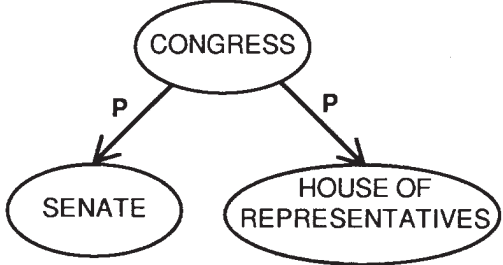
PROBLEMS	
ENGLISH	MAP
18. Kissing him was like taking medicine.	
19. Government funding creates many new employment opportunities.	
20. Congress is composed of the Senate and the House of Representatives.	
21. Experiments with two diseases of the pox strain, cow pox and small pox, resulted in the principle of vaccination.	

MAPPING EXERCISES

Answers to problems on previous page.

These are illustrative answers. There are many correct ways to map the same set of English sentences. However, you should be able to recognize why our answer is one of the correct ones.

PROBLEMS

ENGLISH	MAP
<p>18. Kissing him was like taking medicine.</p>	
<p>19. Government funding creates many new employment opportunities.</p>	
<p>20. Congress is composed of the Senate and the House of Representatives.</p>	
<p>21. Experiments with two diseases of the pox strain, cow pox and small pox, resulted in the principle of vaccination.</p>	