



*You may not wish to use all of these tables*

1.

	<i>D</i>	<i>E</i>	<i>F</i>
<i>A</i>			
<i>B</i>			
<i>C</i>			

	<i>D</i>	<i>E</i>	<i>F</i>
<i>A</i>			
<i>B</i>			
<i>C</i>			



*You may not wish to use all of these tables*

	<i>D</i>	<i>E</i>	<i>F</i>
<i>A</i>			
<i>B</i>			
<i>C</i>			

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	<i>D</i>	<i>E</i>	<i>F</i>
<i>A</i>			
<i>B</i>			
<i>C</i>			

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	<i>D</i>	<i>E</i>	<i>F</i>
<i>A</i>			
<i>B</i>			
<i>C</i>			

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(b) Table of least distances

	$A$	$B$	$C$	$D$	$E$	$F$	$G$
$A$	–	21	15	26	35	31	53
$B$	21	–	18	29	14		42
$C$	15	18	–	11	20	16	38
$D$	26	29	11	–		27	31
$E$	35	14	20		–	19	28
$F$	31		16	27	19	–	22
$G$	53	42	38	31	28	22	–





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4. (a)

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*You may not wish to use all of these lines*

*You may not need to use all of these tables*

5.

	1	2	3	4
Ann				
Brenda				
Connor				
Dave				

	1	2	3	4
Ann				
Brenda				
Connor				
Dave				





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	1	2	3	4
Ann				
Brenda				
Connor				
Dave				

	1	2	3	4
Ann				
Brenda				
Connor				
Dave				



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**6. (a)**

(b)

	I	II	III
I	5	2	3
II	3	5	4



(c)

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(d)

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