



2a)

		Cost to destination via				
		D <sup>A</sup> ()	B	E	F	G
Destination	B					
	C					
	D					
	E					
	F					
	G					
	H					

		Cost to destination via				
		D <sup>B</sup> ()	A	D	F	
Destination	A	22		<u>10</u>	13	
	C	30		<u>10</u>	21	
	D	28		<u>4</u>	18	
	E	26		<u>6</u>	17	
	F	28		15	<u>7</u>	
	G	23		<u>11</u>	12	
	H	26		14	<u>9</u>	

		Cost to destination via				
		D <sup>C</sup> ()	E			
Destination	A	<u>8</u>				
	B	<u>10</u>				
	D	<u>6</u>				
	E	<u>4</u>				
	F	<u>14</u>				
	G	<u>9</u>				
	H	<u>12</u>				

		Cost to destination via				
		D <sup>D</sup> ()	B	E		
Destination	A	14		<u>6</u>		
	B	<u>4</u>		8		
	C	14		<u>6</u>		
	E	10		<u>2</u>		
	F	<u>11</u>		12		
	G	15		<u>7</u>		
	H	13		<u>10</u>		

		Cost to destination via				
		D <sup>E</sup> ()	A	C	D	
Destination	A	<u>4</u>		12	8	
	B	14		14	<u>6</u>	
	C	12		<u>4</u>	8	
	D	10		10	<u>2</u>	
	F	<u>10</u>		18	13	
	G	<u>5</u>		13	9	
	H	<u>8</u>		16	12	

		Cost to destination via				
		D <sup>F</sup> ()	A	B	H	
Destination	A	9		17	<u>6</u>	
	B	19		<u>7</u>	11	
	C	17		17	<u>14</u>	
	D	15		<u>11</u>	12	
	E	13		13	<u>10</u>	
	G	10		18	<u>5</u>	
	H	13		16	<u>2</u>	

		Cost to destination via				
		D <sup>G</sup> ()	A	H		
Destination	A	<u>1</u>		7		
	B	<u>11</u>		12		
	C	<u>9</u>		15		
	D	<u>7</u>		13		
	E	<u>5</u>		11		
	F	7		<u>5</u>		
	H	5		<u>3</u>		

		Cost to destination via				
		D <sup>H</sup> ()	F	G		
Destination	A	8		<u>4</u>		
	B	<u>9</u>		14		
	C	16		<u>12</u>		
	D	13		<u>10</u>		
	E	12		<u>8</u>		
	F	<u>2</u>		8		
	G	7		<u>3</u>		

2b)

From	To	Message
B	A, D, F	(A,12), (C,12), (D,6), (E,8), (G,12)
D	B, E	(B,6), (F,12)