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2022

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<p>-6.</p>	
<p>-7</p>	

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9					
1.		54	12	18	24
2.		18	4	6	8
		72	16	24	32
10					
1.		40	6	12	22
2.		9	2	2	5
3.		42	4	10	28
		27	0	0	27
		108	12	24	72
		180	28	48	104

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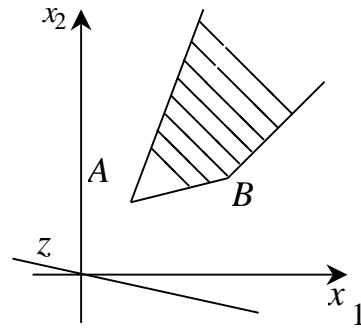
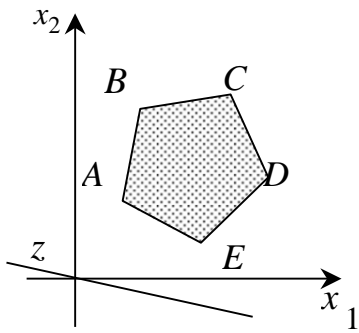
6

- 1.
- 2.
- 3.



- 1.

z :



z

- 2.

- 3.

	I	II
	20	15
	35	30

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z

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	2	3	4
	1	4	5
	2	3	4

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- 1.
- 2.
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- 4.
- 5.

MSExcel.

		Ford Focus	Ford Mondeo	Ford C-Max
		370	0,5	0,7
²	9000	10	19	14
		500	800	600

- 1)
- 2)
- 3)

	0,8	0,5	400
	0,4	0,8	365

- 1)
- 2)

3)

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- 1.
- 2.
- 3.
- 4.
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MSExcel

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- 1.
- 2.
- 3.
- 4.

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- 1.
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- 6.
- 7.
- 8.
- 9.
- 10.

- 1.

	1	2	3	4	
1	1	2	3	1	100
2	2	3	4	6	200
3	3	4	7	12	300
	100	100	300	300	

- 2.

- 3.

- 4.

-

	5	4	7

	6	7	3
	8	11	2

1.

	1	5	6	200
	2	6	7	300
	3	7	8	500
	500	400	300	

2.

3.

9.

1.

2.

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4.

5.

1.

x_1, x_2

$$z_1 = x_1 + x_2$$

$$z_2 = x_1 + 3x_2$$

2.

x_1, x_2

$$z_1 = x_1 + 2x_2$$

$$z_2 = x_1 + x_2.$$

3.

1.



2.

3.

0.



1.

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- 7.
- 8.
- 9.
- 10.

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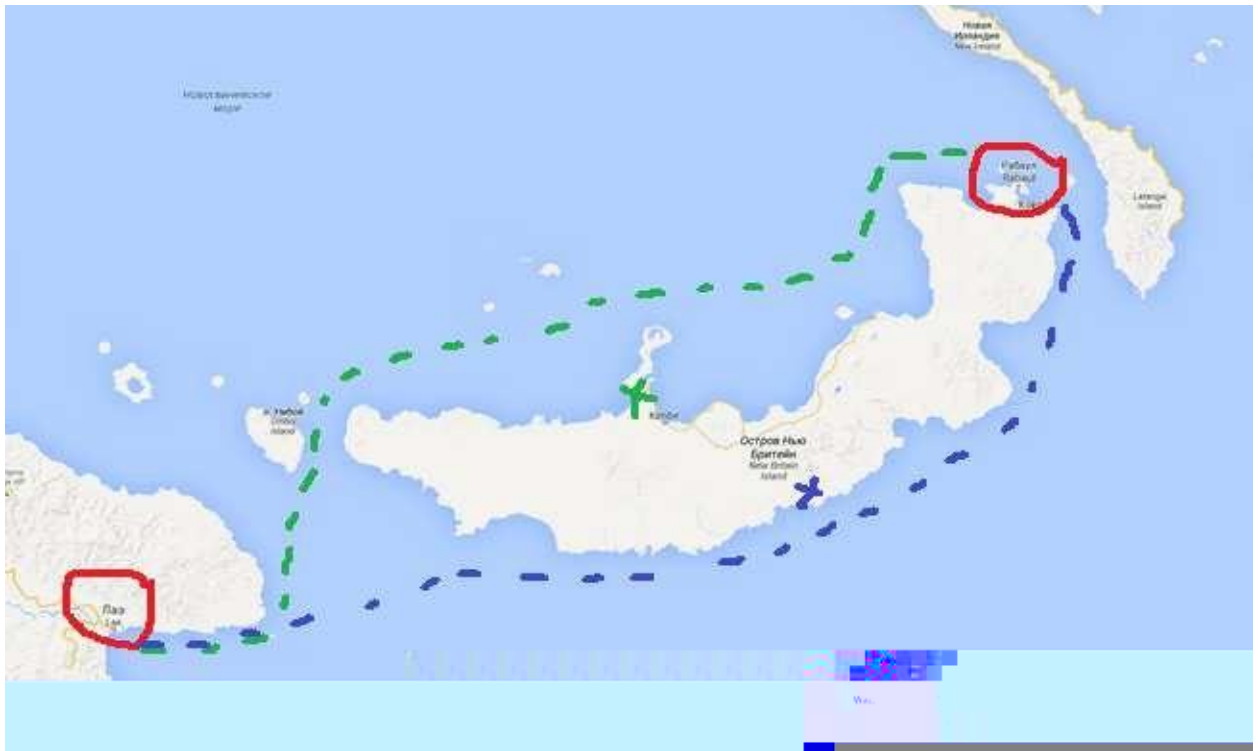
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3.

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4. *B* *A* *A* *B* *T* *T* *W* *C* *A* *B* *T* *B*

5.

90%



B

A

A

B

B

A.

A B B
B₁, B₂, B₃

B
A

B

A

B

A₁

A₂

B;

B

A₁

B

B₁, B₂, B₃

A₂

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4.

11.

- 1.
- 2.
- 3.



- 1.

- 2.
- 3.

- -
A B

A

B



A



A



- 4.

E₁ E₂

E₂

A.

E₁

E₁ E₂

-

1. 8
2. 8. A B

I	10	5	8
II	6	3	4
III	2	1,5	1

$$q = 6 - 0,5p,$$

q *p*

1				
10	10	10	1	0,31
10	6	8	2	0,33
10	2	6	3	0,18
6	10	8	2	0,70
6	6	6	3	0,30
6	2	4	4	0,20
2	10	6	3	0,92
2	6	4	4	0,85
2	2	2	5	0,72

A

12.

- 1.
- 2.
- 3.
- 4.

- 1.

2.

	100	200	300	400	500	600	700
	0,03	0,08	0,17	0,27	0,3	0,11	0,04

3.

	S_1	S_2	S_3	S_4
	23	29	31	37
	36	33	28	24

- 1)
- 2)
- 3)
- 4)

4.

1)

2)

1.

1)

2)

2.

- 1)
- 2)
- 3)

3.

- 1)
- 2)
- 3)

4)

5)

1-2.

- 1.
- 2.
- 3.
- 4.
- 5.

- 6.

- 7.
- 8.
- 9.
- 10.

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1.

2.

$$y^2 \qquad x+x^2 \qquad y \qquad x$$

3.

	3	5	120
	6	4	150
	14	12	400
	72	103	

2

1)

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a)

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- 1.
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7.

- 1.
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- 3.
- 4.

f

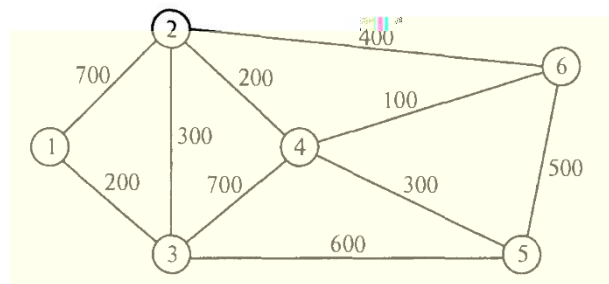
	f_1	f_2	f_3
0	0	0	0
10	3	6	4
20	5	8	5
30	9	9	11
40	11	15	12
50	17	19	18

	0	1	2	3	4	5
	80	75	65	60	60	55
	20	25	30	35	45	55

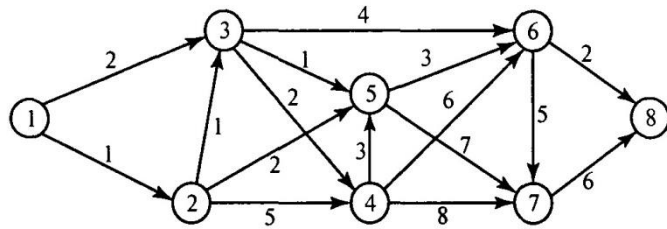
8.

- 1.
- 2.

1.



2.



1.

22-2026

22-2026

	2	3	4
2022	3800	4100	6800
2023	4000	4800	7000
2024	4200	5100	7200
2025	4800	5700	
2026	5300		

2.

i - j -

	0	5	4	12	1	
	5	0	3	10	6	13
	4	3	0	6	13	22
	1	8	8	0	6	12
	4	9	3	8	0	10
		13	24	14	20	0

9.

1.

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2.

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	0	10	10	80	40	20	100	60	70
	10	0	20	100	20	10	90	120	100
	10	20	0	60	40	60	110	50	60
	80	100	60	0	40	40	90	40	60
	40	20	40	40	0	40	80	60	80
	20	10	60	40	40	0	120	20	30

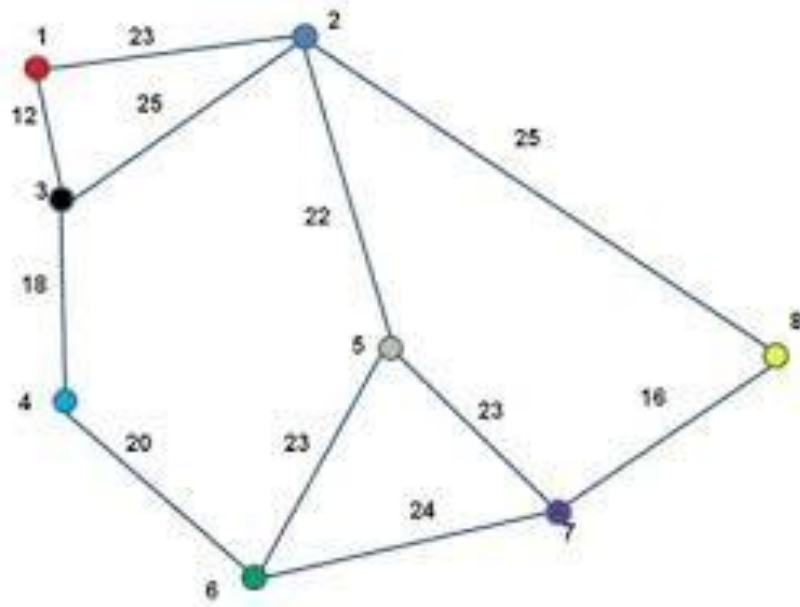
10.

- 1.
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- 4.

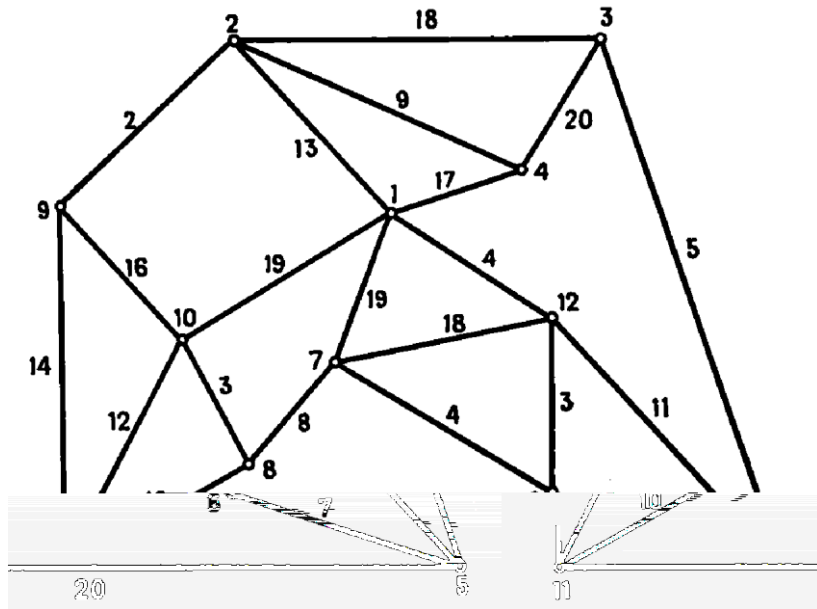
- 1.



- 2.



- 1.



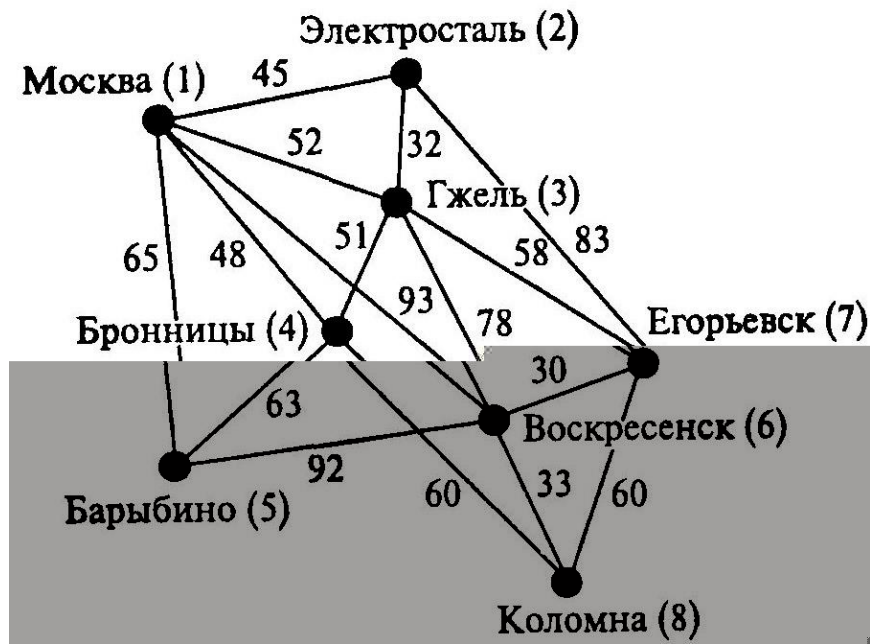
11.

- 1.
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- 4.
- 5.
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- 1.

	0	20	50	40	10
	20	0	70	20	15
	50	70	0	30	40
	40	20	30	0	80
	10	15	40	80	0

- 2.



1.

	0	20	28	12	39	32
	21	0	15	9	17	27
	30	25	0	45	29	47
	7	52	40	0	15	1
	50	46	11	5	0	34
	11	45	14	21	30	

1.

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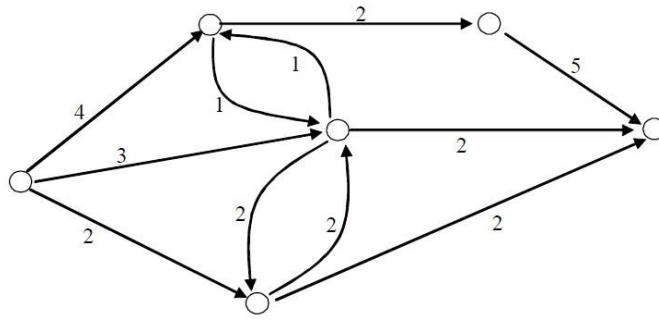
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6.

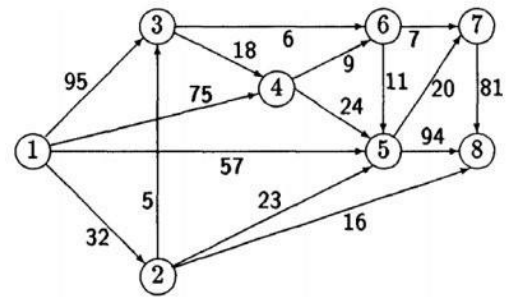
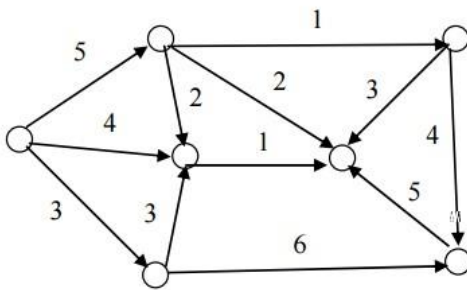
7.

8.

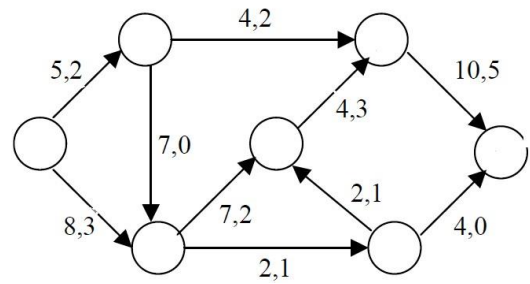
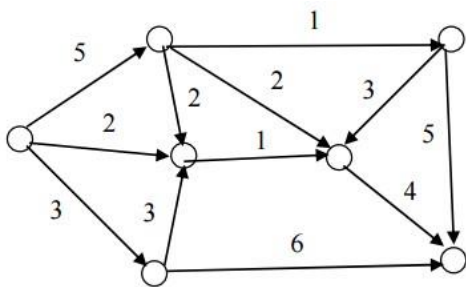
1.



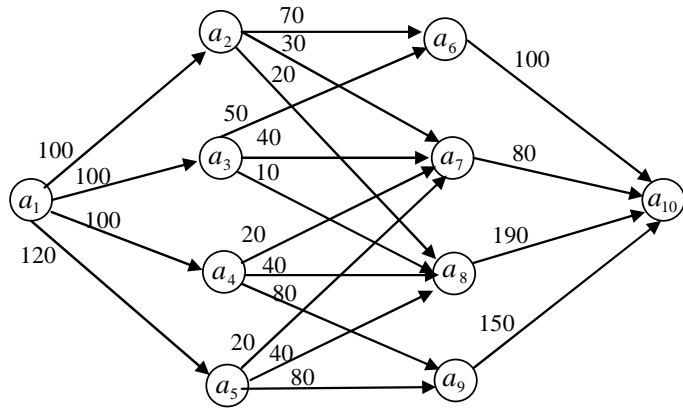
2.



1.



2.



6

1 (9)

A, B, C D),

2

Общее количество ресурсов	Показатели	Товар			
		A	B	C	D
840	Расход рабочего времени на единицу товара (ч)	0,6	0,8	0,6	0,4
180	Использование площади торгового зала на единицу товара (м ²)	0,1	0,2	0,4	0,1
	Прибыль от продажи единицы товара	5	8	7	9

1

1		4,75-5
2		3,75-4,5
3		3-3,5
4		

2 (10)

3

2

3

3

3

2

2

1		4,75-5
2		3,75-4,5
3		3-3,5
4		

6

10

A B

	1	2	3	4
<i>A</i>	2	1	0	2
<i>B</i>	3	0	1	1

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A

B -

01-113 6.09.2019

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- a.
- b.

- c.
- d.
- e.
- f.

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2		3,75-4,5
3		3-3,5

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