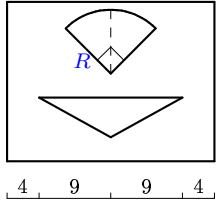
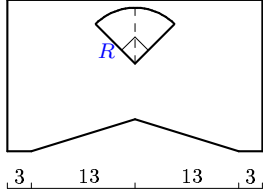
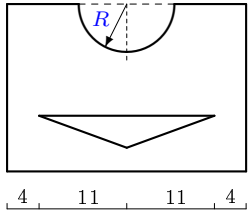
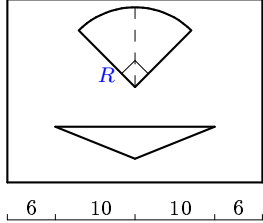
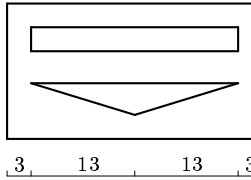
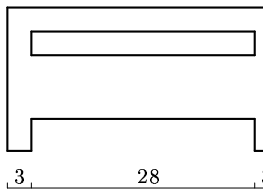
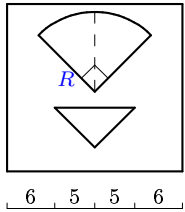
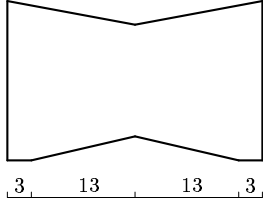
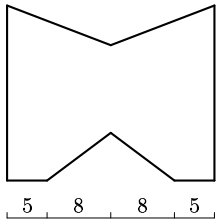
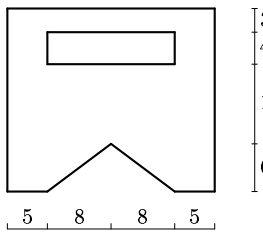


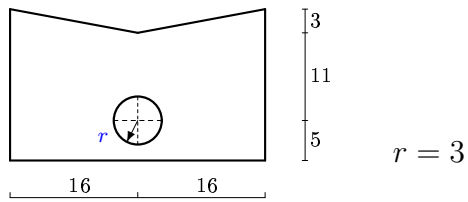
Ядро сечения

Найти ядро сечения. Указать координаты угловых точек ядра в главных центральных осях. Размеры даны в сантиметрах. Определить вероятность (%) неразрушения колонны при случайном приложении сжимающей силы для материала, не сопротивляющегося растяжению.

<p>Задача L-21.1. 2</p>  <p style="text-align: right;">$R = 8$</p>	<p>Задача L-21.2. 2</p>  <p style="text-align: right;">$R = 7$</p>
<p>Задача L-21.3. 2</p>  <p style="text-align: right;">$R = 6$</p>	<p>Задача L-21.4. 2</p>  <p style="text-align: right;">$R = 10$</p>
<p>Задача L-21.5. 2</p> 	<p>Задача L-21.6. 2</p> 
<p>Задача L-21.7. 2</p>  <p style="text-align: right;">$R = 10$</p>	<p>Задача L-21.8. 2</p> 
<p>Задача L-21.9. 2</p> 	<p>Задача L-21.10. 2</p> 

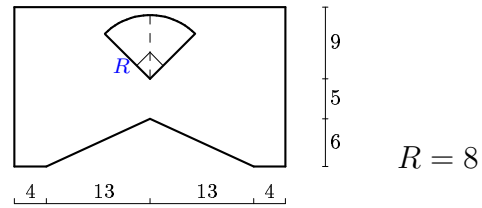
Задача L-21.11.

2



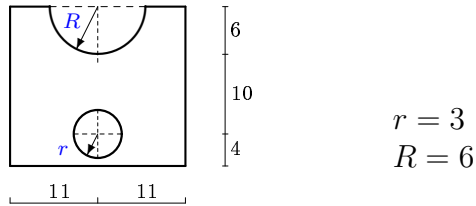
Задача L-21.12.

2



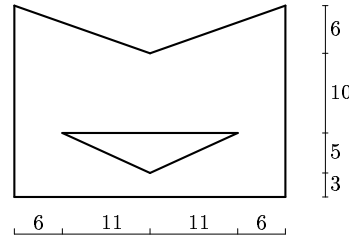
Задача L-21.13.

2



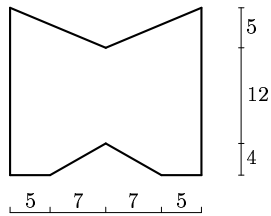
Задача L-21.14.

2



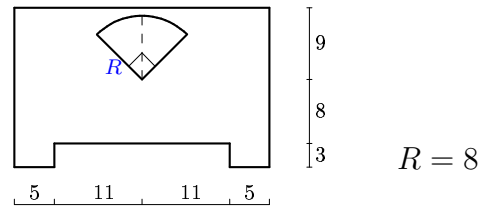
Задача L-21.15.

2



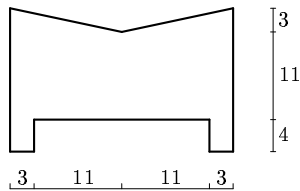
Задача L-21.16.

2



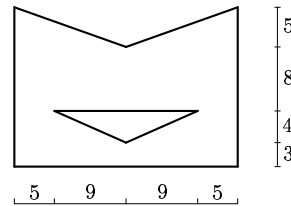
Задача L-21.17.

2



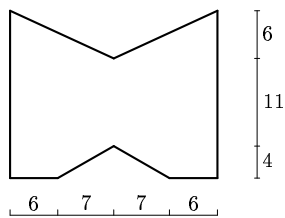
Задача L-21.18.

2



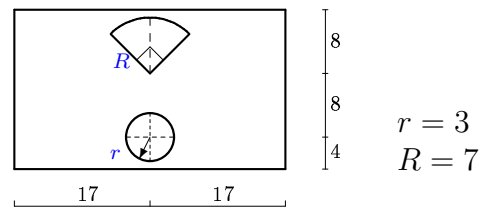
Задача L-21.19.

2



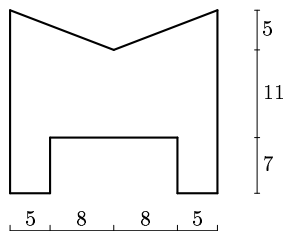
Задача L-21.20.

2



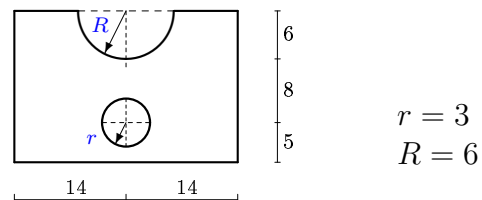
Задача L-21.21.

2



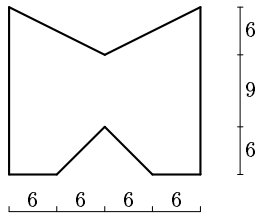
Задача L-21.22.

2



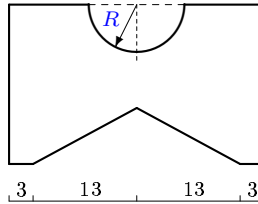
Задача L-21.23.

2



Задача L-21.25.

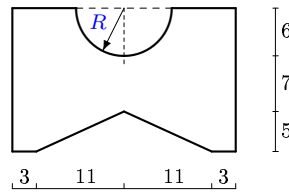
2



$$R = 6$$

Задача L-21.24.

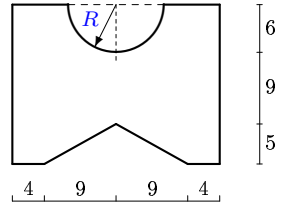
2



$$R = 6$$

Задача L-21.26.

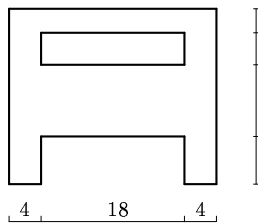
2



$$R = 6$$

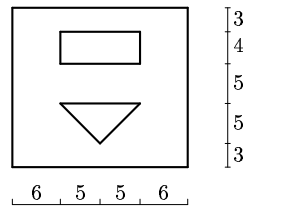
Задача L-21.27.

2



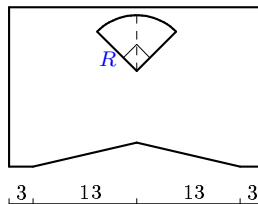
Задача L-21.28.

2



Задача L-21.29.

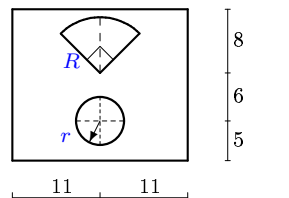
2



$$R = 7$$

Задача L-21.30.

2



$$r = 3$$

$$R = 7$$

	F	y_c	y_{c1}	y_{c2}	y_{c3}	i_x^2	i_y^2	x_1	y_2	x_3	y_4	P
1	424.735	9.702	10.000	15.802	6.333	35.049	67.321	5.179	-3.403	-5.179	3.613	8.554
2	517.515	9.897	9.500	15.201	1.333	25.882	97.244	6.078	-2.843	-6.078	2.615	6.410
3	529.451	10.052	10.500	18.454	5.667	34.488	86.606	5.774	-3.150	-5.774	3.431	7.177
4	617.460	11.051	11.500	18.002	5.667	44.625	100.486	6.280	-3.735	-6.280	4.038	7.906
5	414.000	8.102	8.500	12.500	5.667	27.212	97.977	6.124	-3.058	-6.124	3.359	9.491
6	416.000	9.976	9.000	13.500	2.000	20.977	110.939	6.526	-2.614	-6.526	2.103	7.400
7	358.460	9.585	10.500	16.002	6.333	38.448	51.435	4.676	-3.368	-4.676	4.011	9.626
8	553.000	9.854	10.000	19.000	1.000	25.734	93.068	5.817	-2.536	-5.817	2.612	5.415
9	459.000	10.619	11.000	20.333	2.000	28.906	65.098	5.008	-2.540	-5.008	2.722	5.741
10	486.000	11.582	11.500	18.000	2.000	39.385	65.453	5.035	-3.449	-5.035	3.400	7.096
11	531.726	8.972	9.500	18.000	5.000	26.356	93.603	5.850	-2.628	-5.850	2.938	6.124
12	551.735	10.602	10.000	15.802	2.000	28.232	114.579	6.740	-3.004	-6.740	2.663	6.923
13	355.177	9.291	10.000	17.454	4.000	28.501	48.354	4.396	-2.661	-4.396	3.068	7.090
14	659.000	10.925	12.000	22.000	6.333	39.697	110.145	6.479	-3.036	-6.479	3.634	6.557
15	416.000	9.843	10.500	19.333	1.333	26.922	54.143	4.512	-2.413	-4.512	2.735	5.584
16	523.735	10.514	10.000	15.802	1.500	27.944	99.017	6.189	-2.946	-6.189	2.658	6.621
17	374.000	9.749	9.000	17.000	2.000	16.738	74.884	5.349	-2.029	-5.349	1.717	5.357
18	454.000	9.059	10.000	18.333	5.667	27.749	74.480	5.320	-2.536	-5.320	3.063	6.561
19	440.000	9.577	10.500	19.000	1.333	26.184	64.392	4.953	-2.292	-4.953	2.734	5.658
20	613.241	9.887	10.000	16.201	4.000	32.691	106.566	6.269	-3.233	-6.269	3.306	6.684
21	421.000	12.110	11.500	21.333	3.500	28.989	69.993	5.384	-2.662	-5.384	2.394	6.466
22	447.177	8.905	9.500	16.454	5.000	27.581	76.446	5.460	-2.732	-5.460	3.097	7.118
23	396.000	9.727	10.500	19.000	2.000	25.926	56.182	4.682	-2.300	-4.682	2.665	5.870
24	392.451	9.098	9.000	15.454	1.667	20.570	79.780	5.699	-2.311	-5.699	2.261	6.638
25	492.451	10.561	10.000	17.454	2.333	24.973	104.663	6.541	-2.646	-6.541	2.365	6.656
26	418.451	9.889	10.000	17.454	1.667	25.945	67.336	5.180	-2.566	-5.180	2.624	6.424
27	392.000	12.102	11.000	17.000	3.000	32.323	69.803	5.369	-3.266	-5.369	2.671	8.132
28	375.000	9.711	10.000	15.000	6.333	35.230	46.158	4.196	-3.424	-4.196	3.628	7.891
29	562.515	10.200	10.000	16.201	1.000	29.515	94.970	5.936	-3.012	-5.936	2.894	6.231
30	351.241	9.238	9.500	15.201	5.000	30.218	47.555	4.323	-3.095	-4.323	3.271	7.836

L-21 файл о21L2A