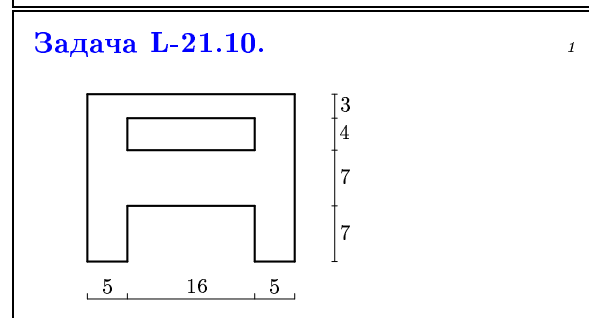
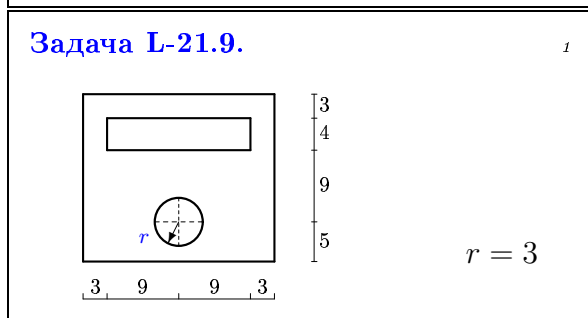
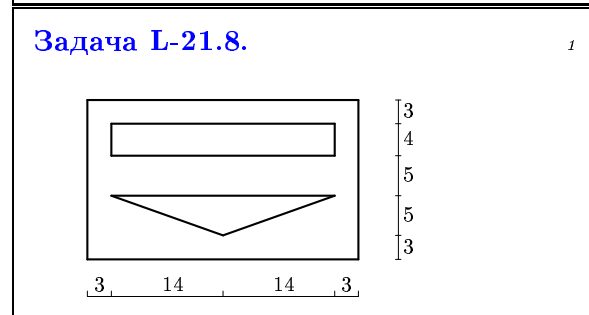
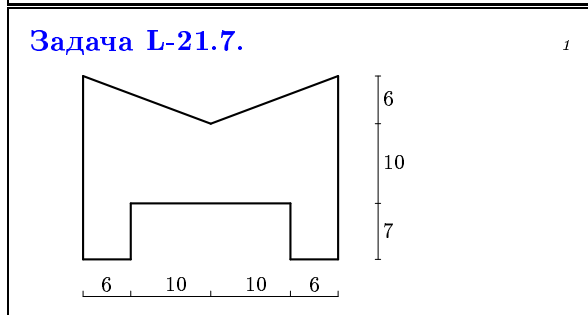
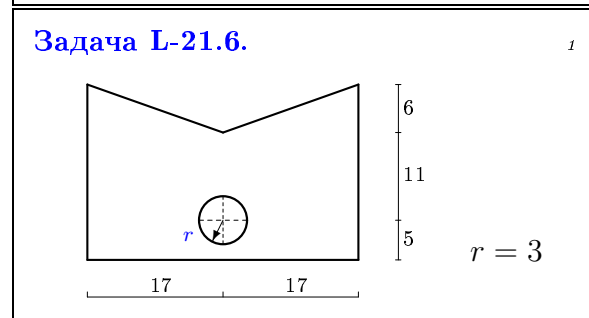
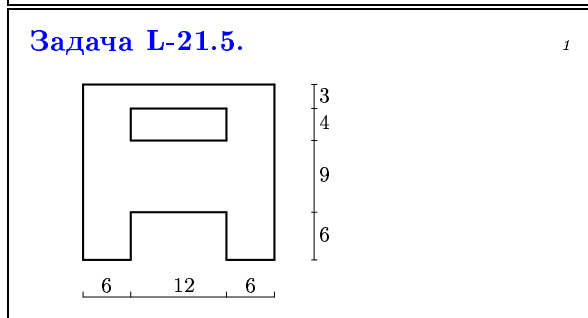
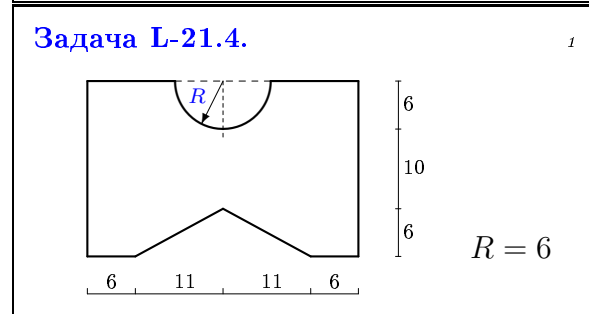
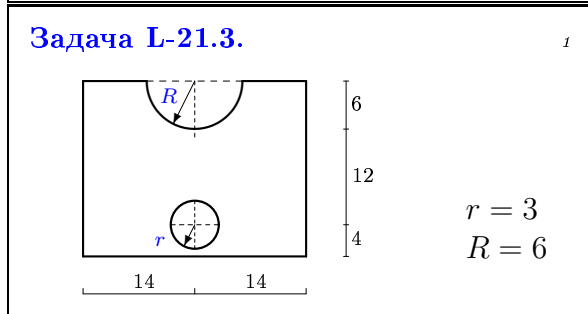
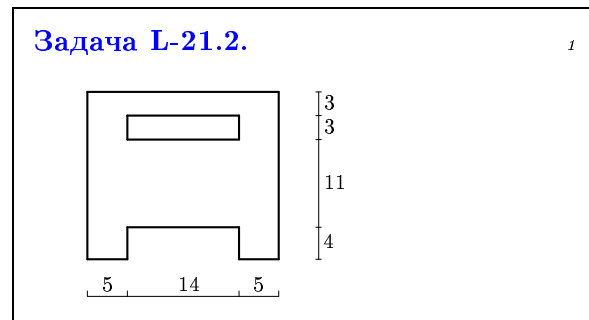
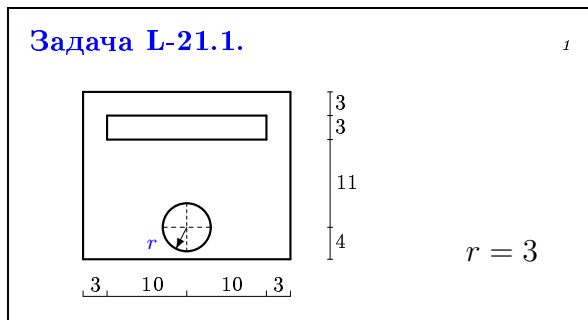


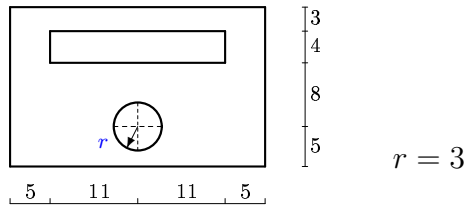
Ядро сечения

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.



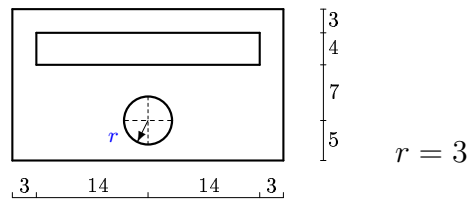
Задача L-21.11.

1



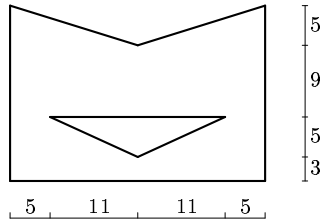
Задача L-21.12.

1



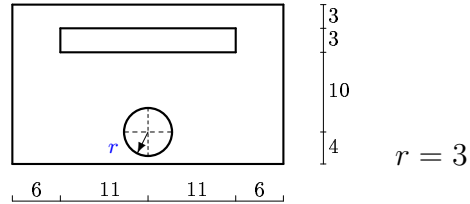
Задача L-21.13.

1



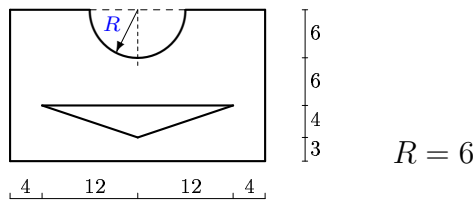
Задача L-21.14.

1



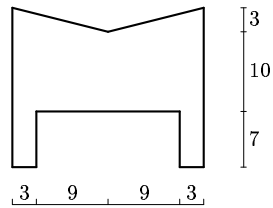
Задача L-21.15.

1



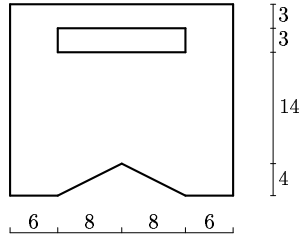
Задача L-21.16.

1



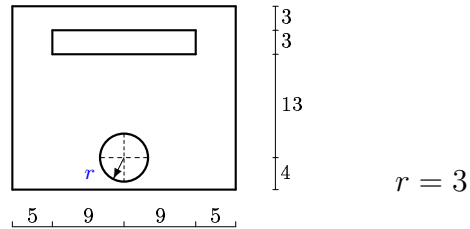
Задача L-21.17.

1



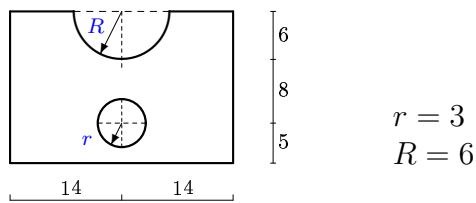
Задача L-21.18.

1



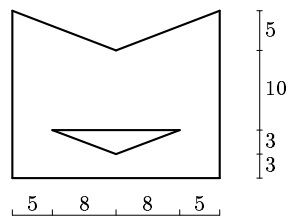
Задача L-21.19.

1



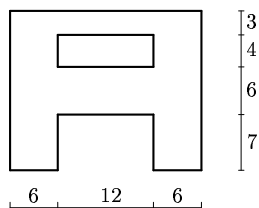
Задача L-21.20.

1



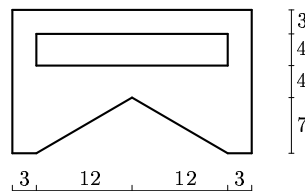
Задача L-21.21.

1



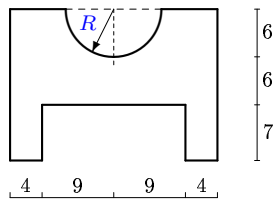
Задача L-21.22.

1



Задача L-21.23.

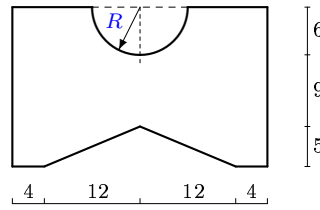
1



$R = 6$

Задача L-21.24.

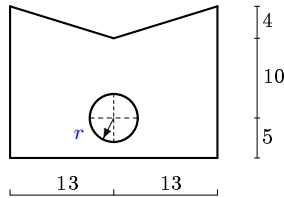
1



$R = 6$

Задача L-21.25.

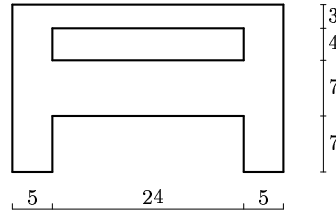
1



$r = 3$

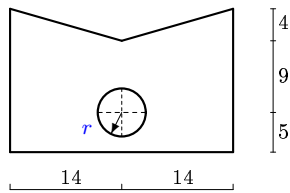
Задача L-21.26.

1



Задача L-21.27.

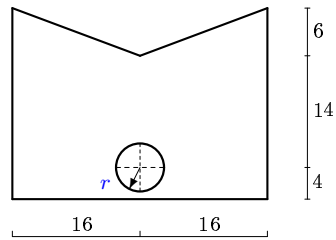
1



$r = 3$

Задача L-21.28.

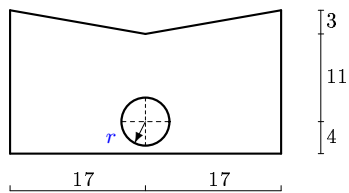
1



$r = 3$

Задача L-21.29.

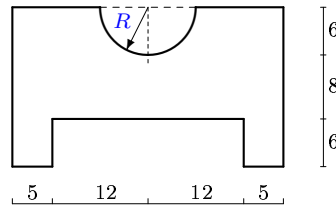
1



$r = 3$

Задача L-21.30.

1



$R = 6$

	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	457.726	10.115	10.500	16.500	4.000	36.123	62.689	4.822	-3.319	-4.822	3.571	7.259
2	406.000	11.052	10.500	16.500	2.000	31.365	55.644	4.637	-3.153	-4.637	2.838	6.842
3	531.177	10.473	11.000	19.454	4.000	35.892	74.688	5.335	-3.114	-5.335	3.427	6.569
4	625.451	11.185	11.000	19.454	2.000	32.755	112.267	6.604	-3.029	-6.604	2.928	6.290
5	408.000	11.706	11.000	17.000	3.000	35.482	58.588	4.882	-3.447	-4.882	3.031	7.752
6	617.726	9.789	11.000	20.000	5.000	31.916	108.593	6.388	-2.614	-6.388	3.261	6.074
7	500.000	11.916	11.500	21.000	3.500	27.942	108.085	6.755	-2.521	-6.755	2.345	6.574
8	498.000	9.391	10.000	15.000	6.333	37.137	112.254	6.603	-3.500	-6.603	3.955	9.885
9	403.726	9.904	10.500	16.000	5.000	37.614	54.949	4.579	-3.390	-4.579	3.798	8.152
10	370.000	11.668	10.500	16.000	3.500	31.336	72.982	5.614	-3.358	-5.614	2.686	9.170
11	523.726	9.430	10.000	15.000	5.000	34.513	97.380	6.086	-3.265	-6.086	3.660	8.048
12	505.726	8.755	9.500	14.000	5.000	31.835	108.459	6.380	-3.107	-6.380	3.636	8.507
13	569.000	10.139	11.000	20.333	6.333	34.479	97.631	6.102	-2.907	-6.102	3.401	6.764
14	585.726	9.670	10.000	15.500	4.000	33.250	107.185	6.305	-3.219	-6.305	3.439	7.166
15	503.451	9.084	9.500	16.454	5.667	28.959	99.755	6.235	-2.921	-6.235	3.188	7.564
16	318.000	11.557	10.000	19.000	3.500	20.307	59.038	4.920	-2.405	-4.920	1.757	6.439
17	592.000	11.968	12.000	19.500	1.333	43.666	71.856	5.133	-3.629	-5.133	3.648	6.310
18	561.726	11.205	11.500	18.500	4.000	42.726	72.194	5.157	-3.622	-5.157	3.813	6.826
19	447.177	8.905	9.500	16.454	5.000	27.581	76.446	5.460	-2.732	-5.460	3.097	7.118
20	457.000	9.532	10.500	19.333	5.000	30.060	62.738	4.826	-2.621	-4.826	3.153	6.098
21	348.000	10.879	10.000	15.000	3.500	30.388	61.655	5.138	-3.332	-5.138	2.793	9.043
22	360.000	9.489	9.000	13.000	2.333	24.633	94.100	6.273	-2.894	-6.273	2.596	9.567
23	311.451	10.665	9.500	16.454	3.500	20.907	76.794	5.907	-2.508	-5.907	1.960	8.476
24	523.451	10.150	10.000	17.454	1.667	26.340	100.610	6.288	-2.674	-6.288	2.595	6.330
25	413.726	8.781	9.500	17.667	5.000	25.371	63.570	4.890	-2.483	-4.890	2.889	6.350
26	450.000	11.940	10.500	16.000	3.500	29.681	124.689	7.335	-3.276	-7.335	2.486	9.391
27	419.726	8.247	9.000	16.667	5.000	22.663	73.941	5.282	-2.324	-5.282	2.748	6.382
28	643.726	10.860	12.000	22.000	4.000	37.846	95.346	5.959	-2.880	-5.959	3.485	5.892
29	532.726	8.500	9.000	17.000	4.000	23.146	105.938	6.232	-2.436	-6.232	2.723	6.035
30	479.451	11.223	10.000	17.454	3.000	23.313	121.150	7.126	-2.656	-7.126	2.077	7.036

L-21 файл o21L1A