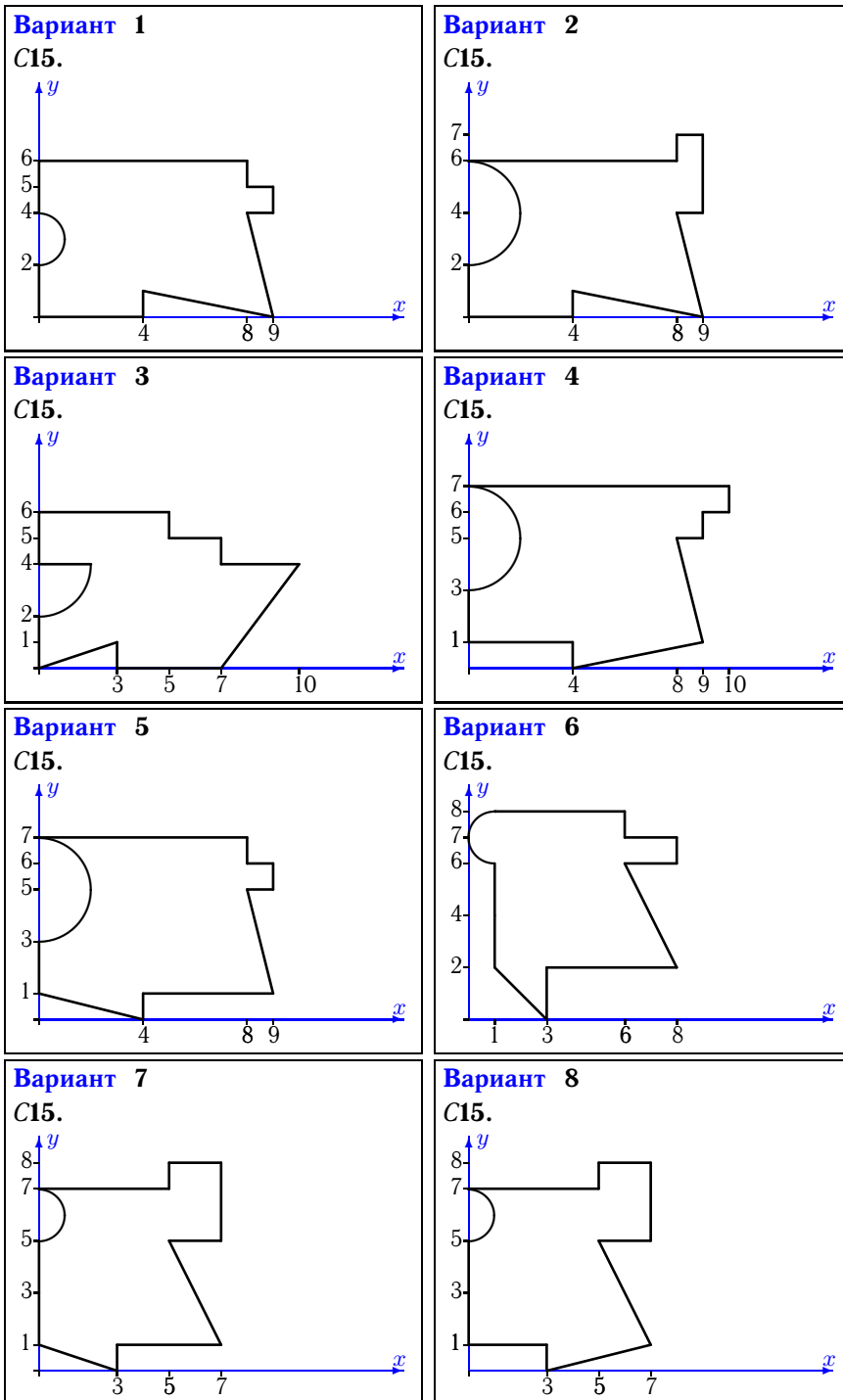
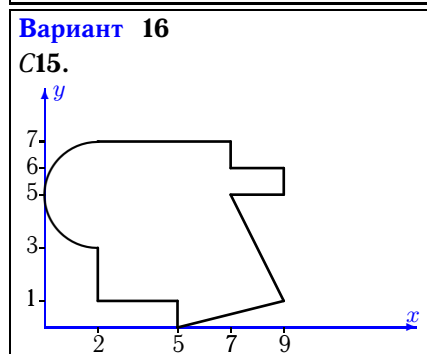
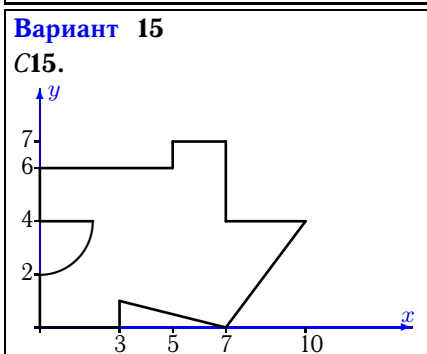
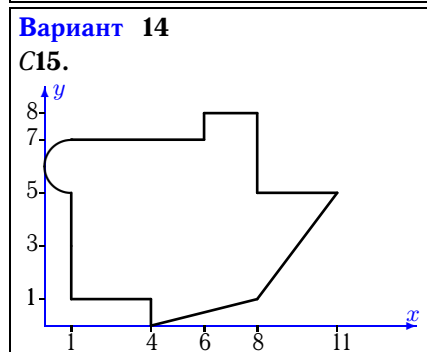
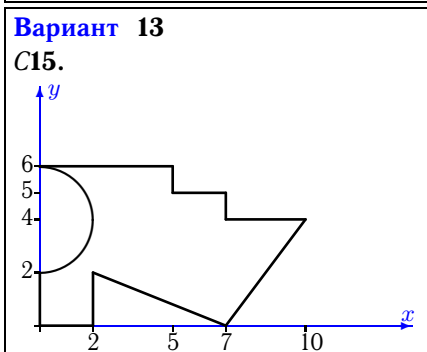
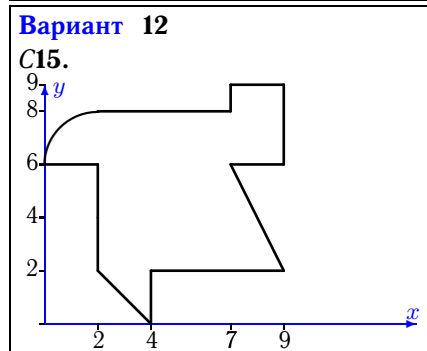
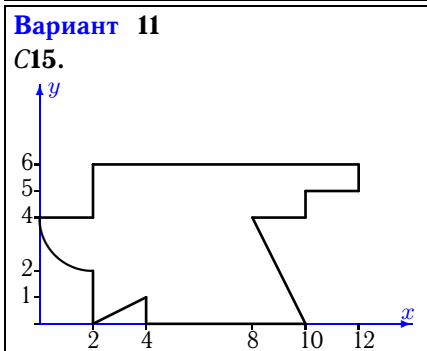
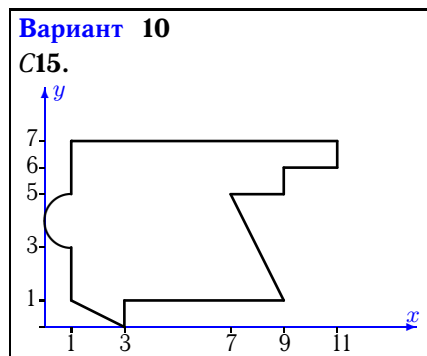
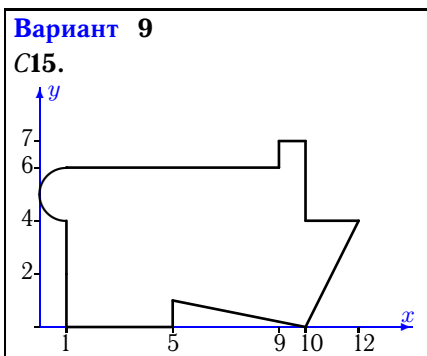


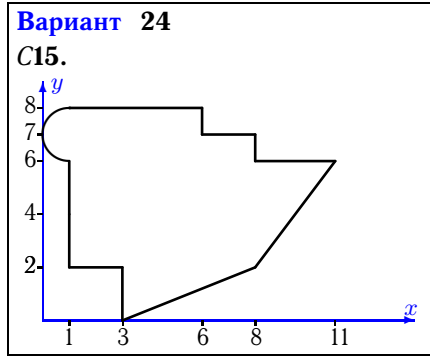
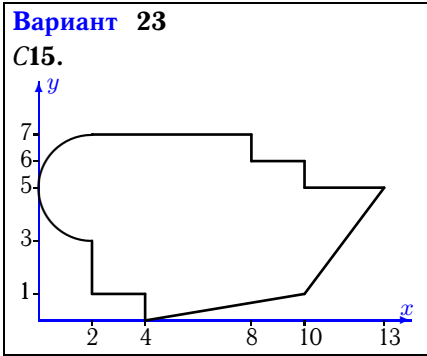
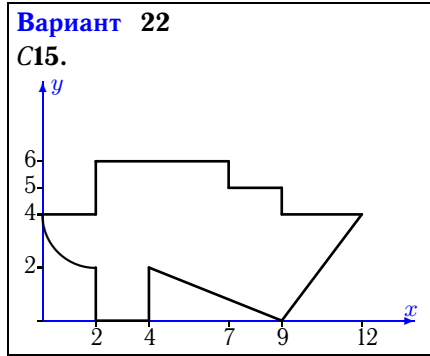
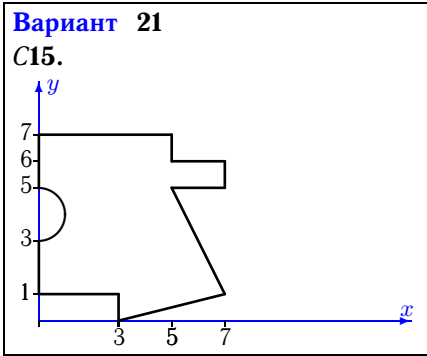
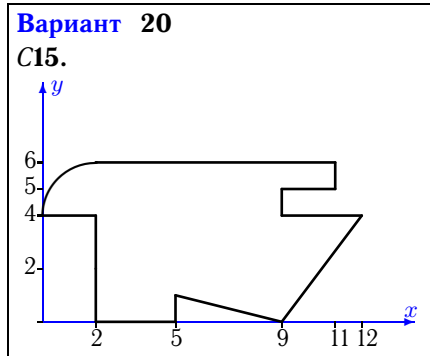
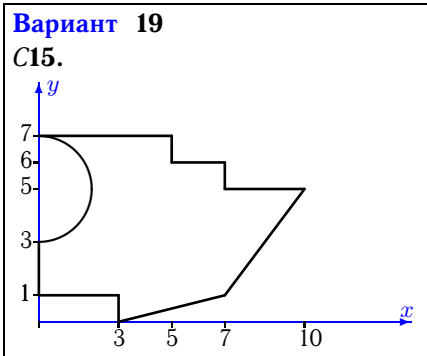
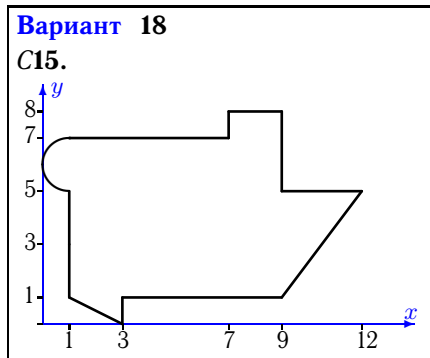
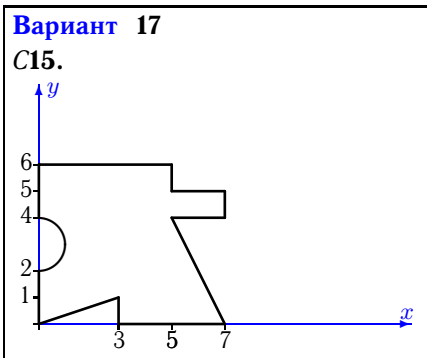
Центр тяжести плоской фигуры

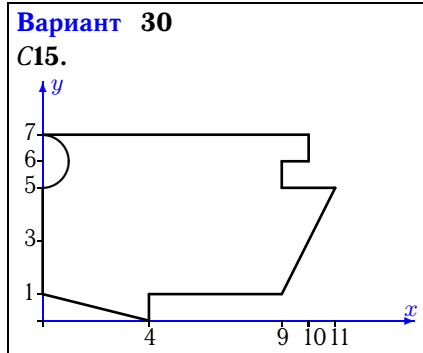
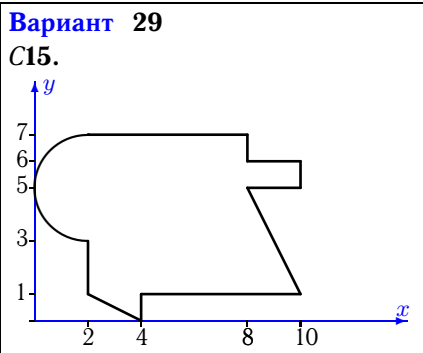
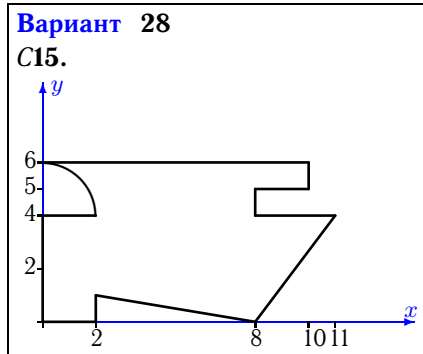
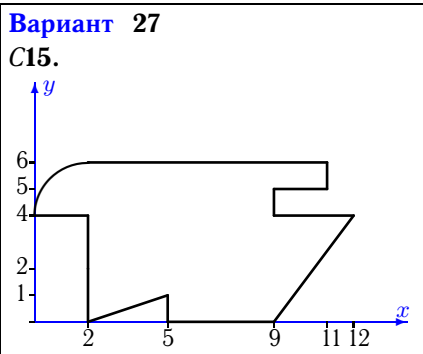
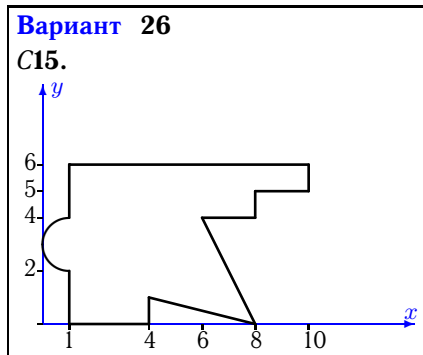
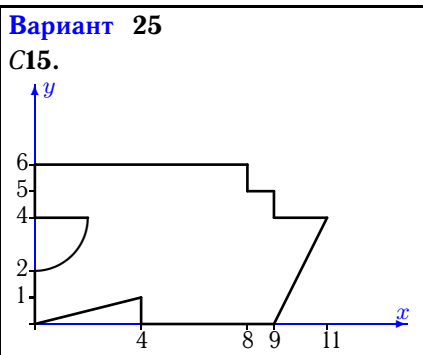
Найти площадь (в м^2) и координаты центра тяжести плоской фигуры (в м). Отметки на осях даны в метрах. Криволинейный участок контура является дугой половины или четверти окружности.

Кирсанов М.Н. Учебник. Теоретическая механика с. 118.









Ответы

	A	x_c	y_c
1	46.929	4.311	3.103
2	44.217	4.855	3.103
3	41.358	4.288	2.916
4	49.217	4.958	3.767
5	46.717	4.649	3.684
6	39.571	3.822	4.801
7	39.929	3.406	4.005
8	40.429	3.504	3.964
9	58.071	5.741	3.206
10	48.571	4.733	4.062
11	48.142	5.670	3.197
12	45.142	4.961	5.151
13	34.717	4.590	2.953
14	53.571	5.013	4.028
15	44.858	4.362	3.220
16	44.283	4.552	3.909
17	32.929	3.219	3.010
18	58.571	5.450	4.082
19	41.717	4.467	3.522
20	51.142	5.904	3.277
21	36.429	3.230	3.716
22	44.142	5.670	3.116
23	61.283	5.894	3.825
24	52.571	4.817	4.578
25	51.858	5.113	3.020
26	39.571	4.243	3.295
27	51.642	5.976	3.248
28	49.858	5.001	3.104
29	49.283	4.935	3.985
30	59.429	4.978	3.855