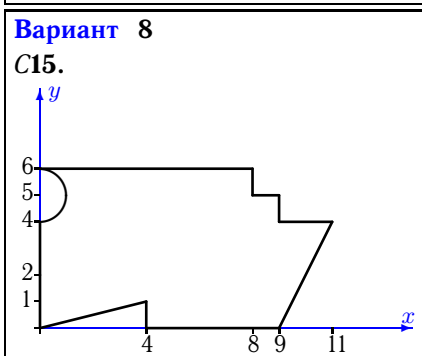
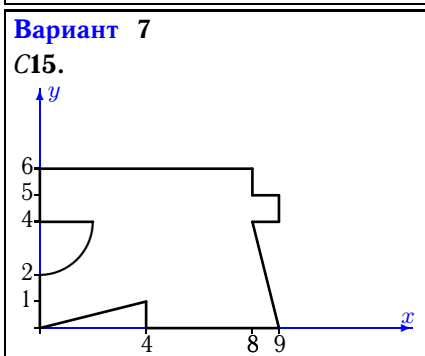
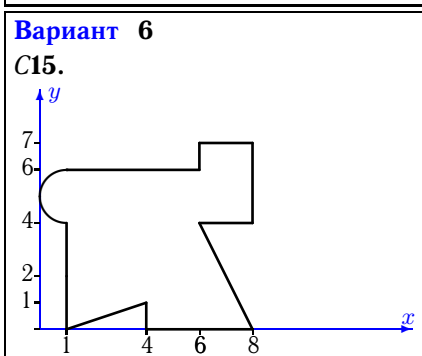
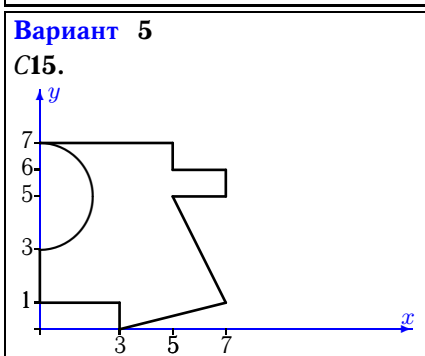
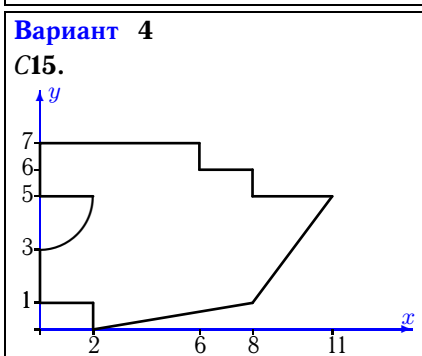
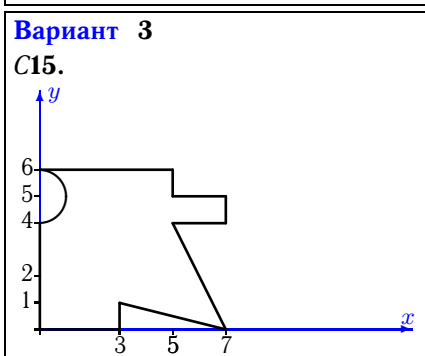
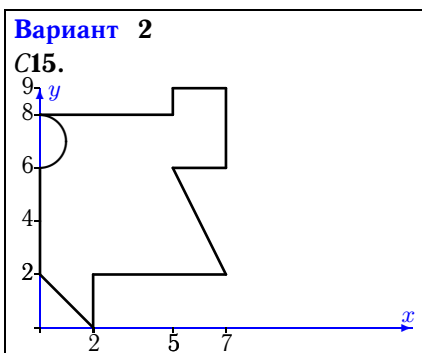
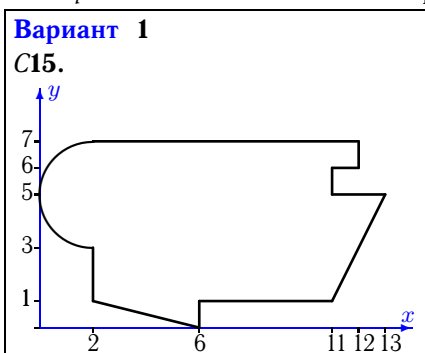
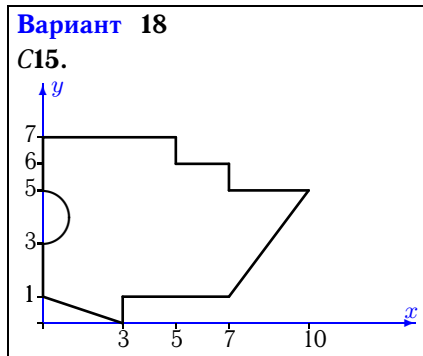
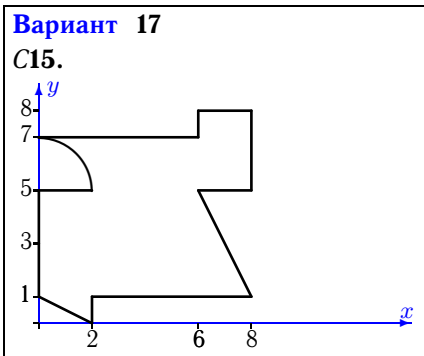
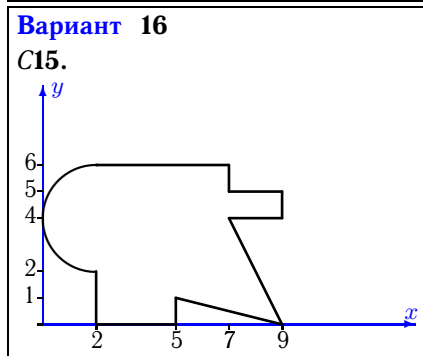
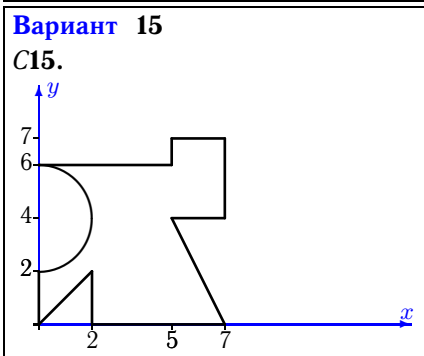
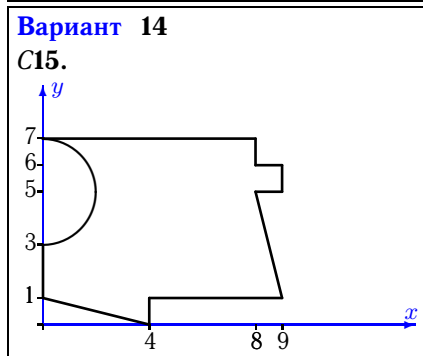
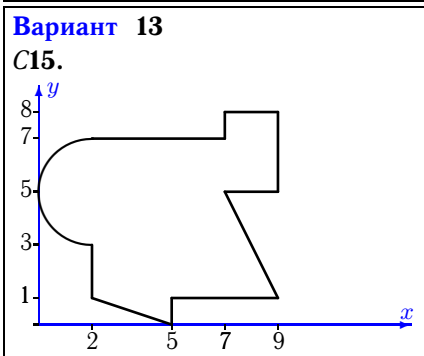
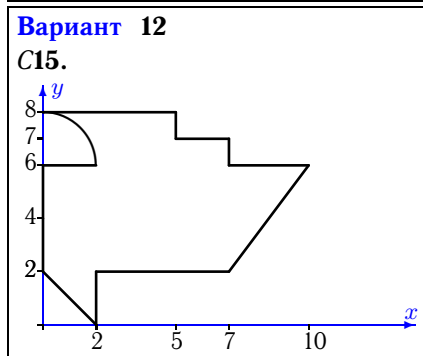
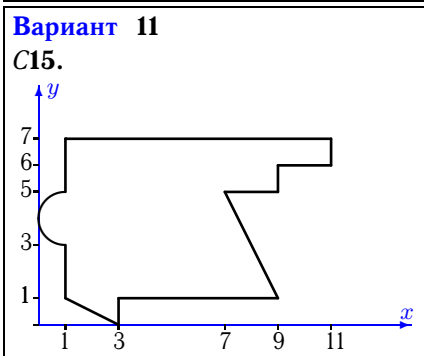
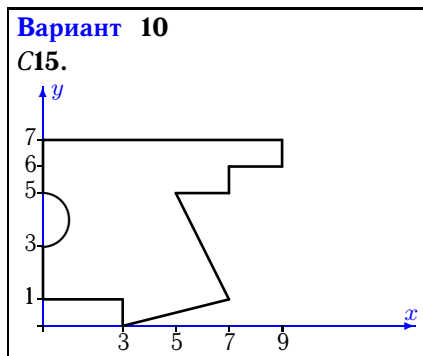
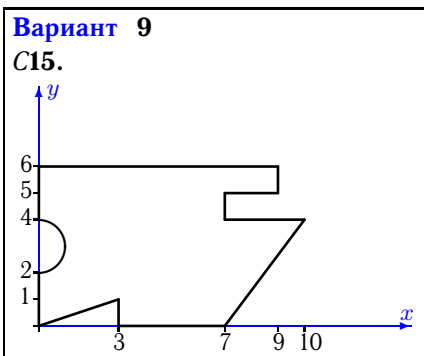


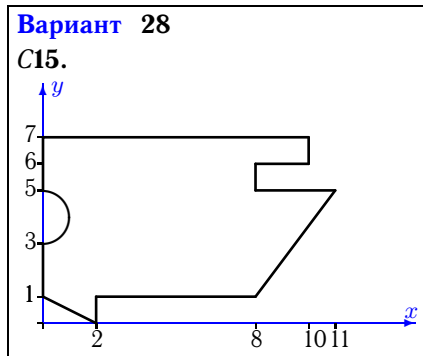
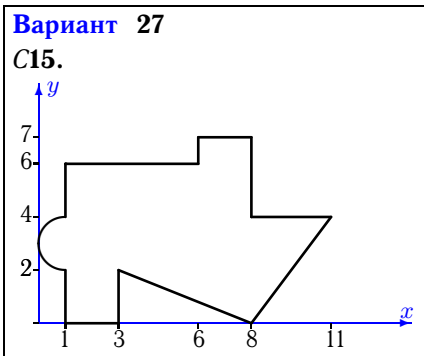
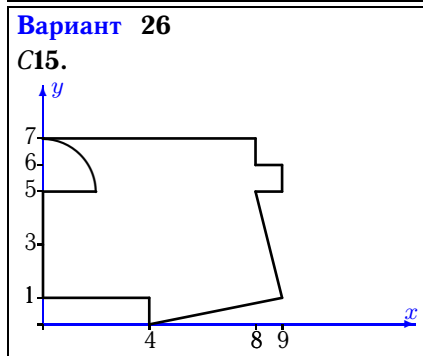
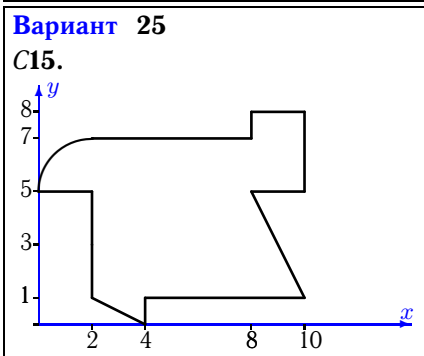
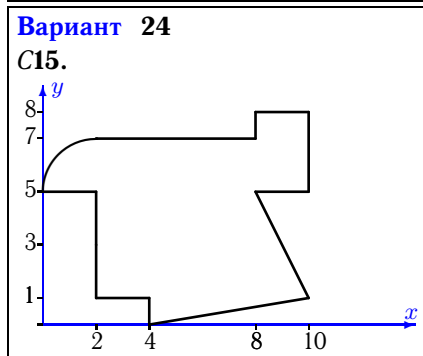
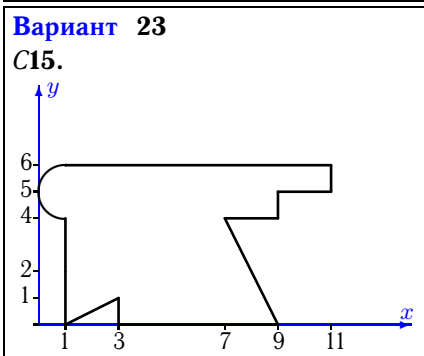
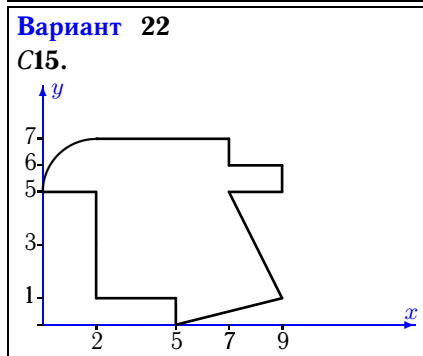
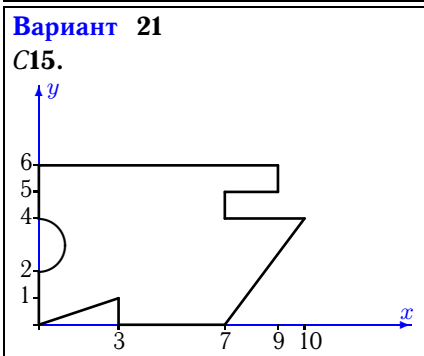
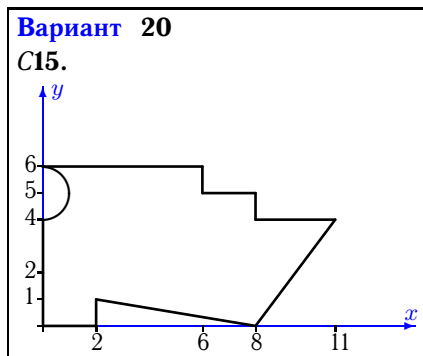
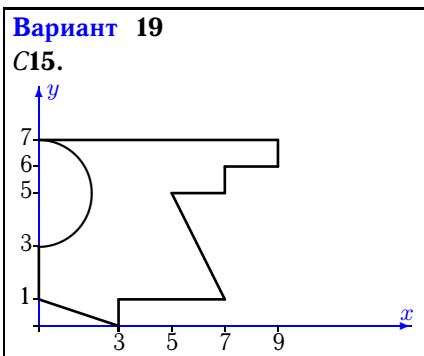
Центр тяжести плоской фигуры

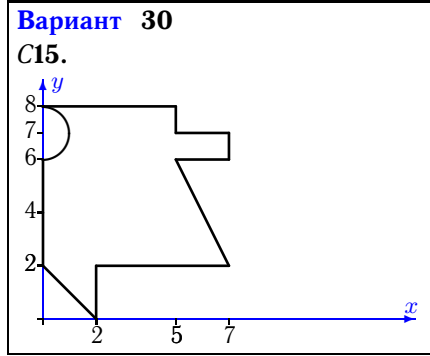
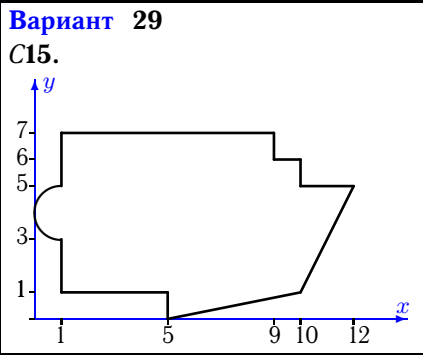
Найти площадь (в м^2) и координаты центра тяжести плоской фигуры (в м).
Отметки на осях даны в метрах. Криволинейный участок контура является дугой половины или четверти окружности.

Кирсанов М.Н. **Решебник. Теоретическая механика** с. 118.









Ответы

	A	x_c	y_c
1	67.283	6.327	4.012
2	40.429	3.356	4.947
3	32.429	3.094	2.955
4	51.858	4.654	3.663
5	31.717	3.563	3.476
6	40.071	4.244	3.386
7	45.858	4.561	3.066
8	53.429	5.000	2.969
9	46.929	4.418	3.149
10	40.429	3.603	3.992
11	48.571	4.733	4.062
12	44.858	4.080	4.551
13	47.783	4.749	4.201
14	46.717	4.649	3.684
15	31.717	3.962	3.212
16	40.283	4.375	3.197
17	43.858	3.998	3.982
18	45.929	4.035	3.739
19	35.217	3.843	3.859
20	47.429	4.624	2.955
21	46.929	4.418	3.149
22	41.142	4.811	3.890
23	46.571	4.836	3.261
24	52.142	5.567	4.079
25	50.142	5.497	4.216
26	50.358	4.541	3.683
27	46.571	5.037	3.358
28	55.429	4.775	3.994
29	61.071	5.694	3.801
30	36.429	3.065	4.612