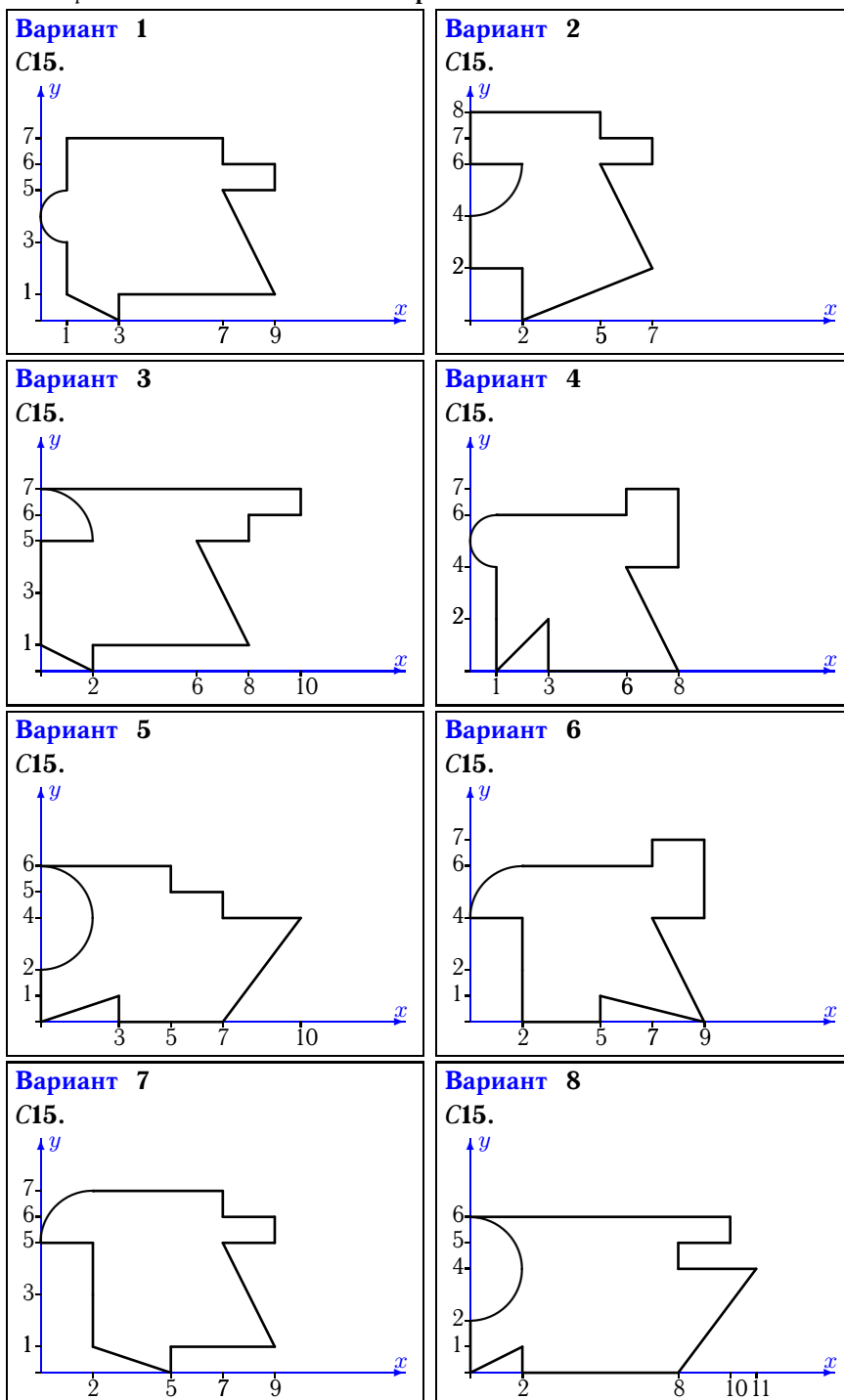
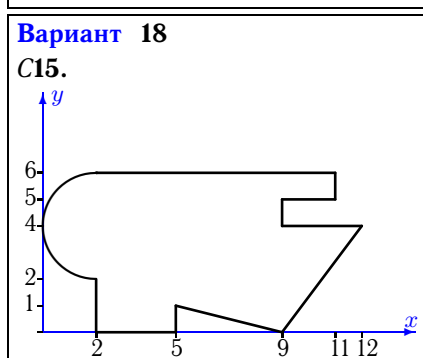
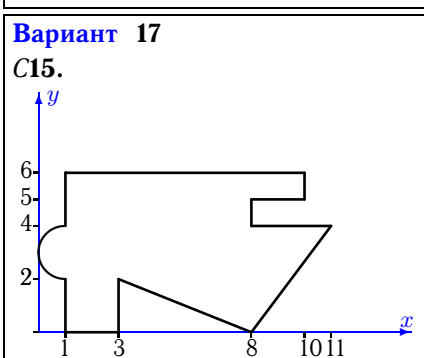
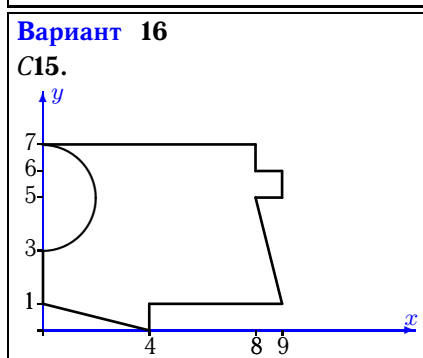
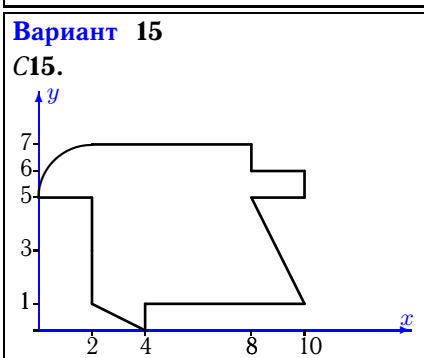
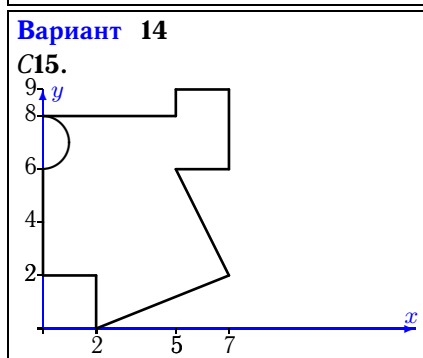
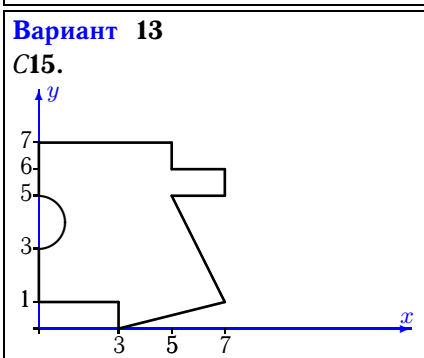
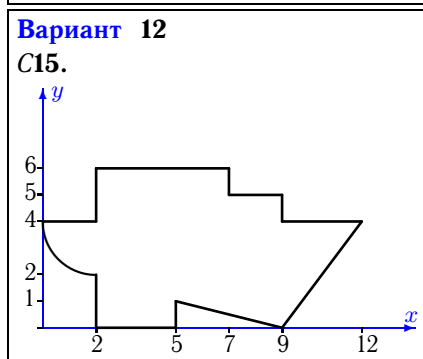
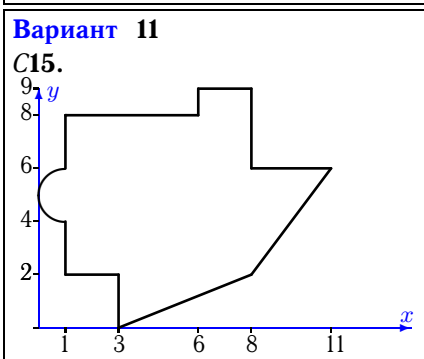
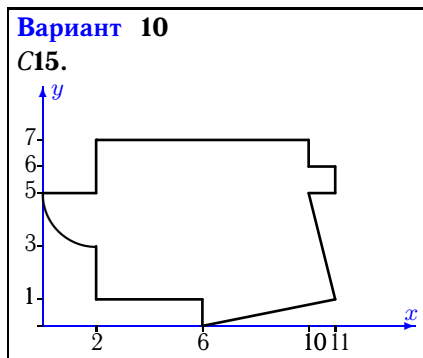
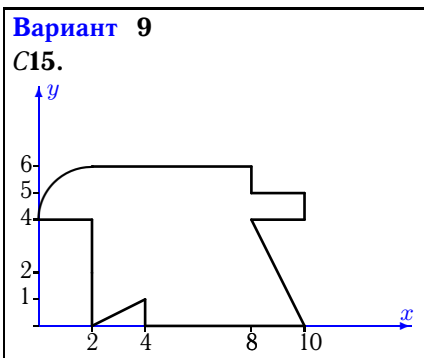


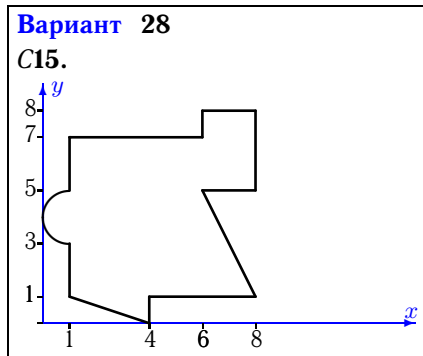
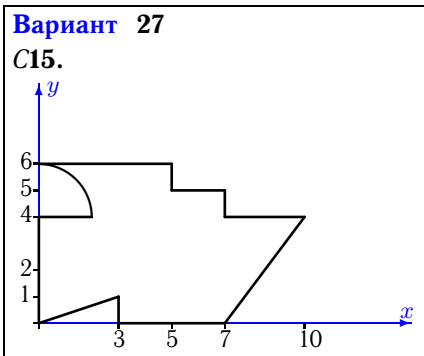
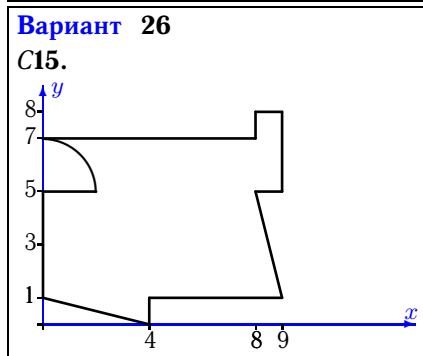
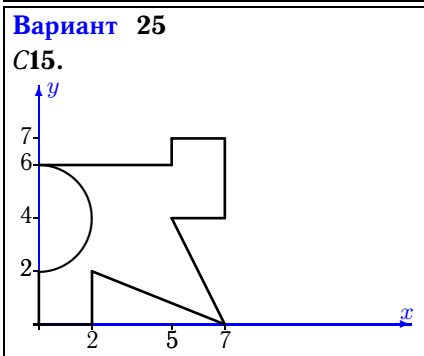
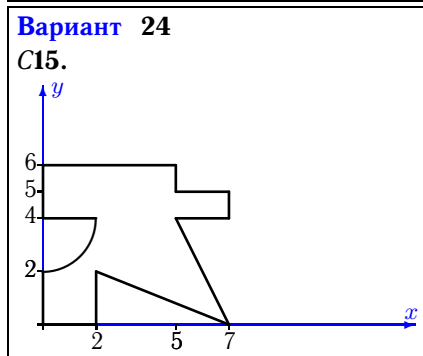
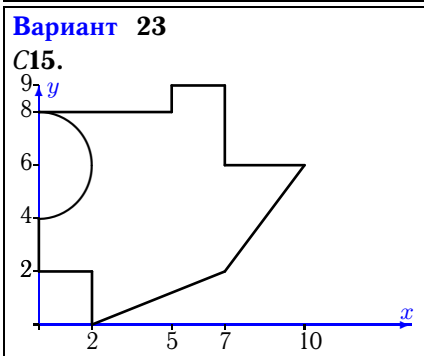
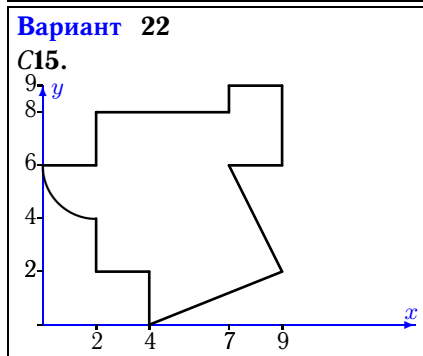
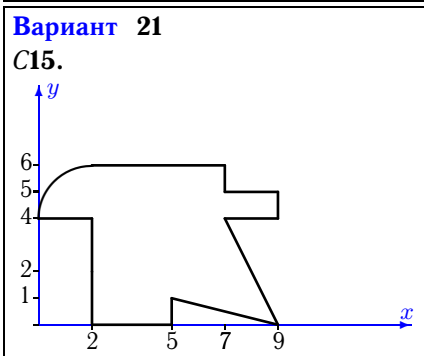
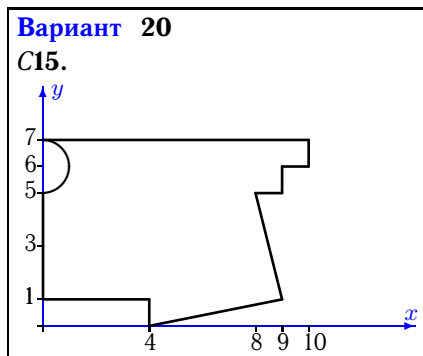
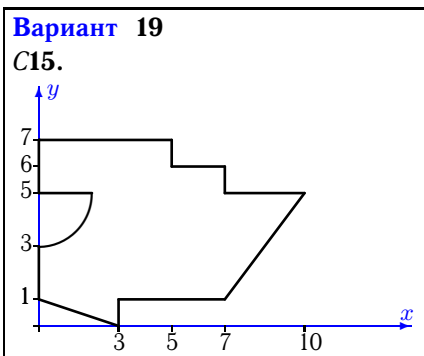
Центр тяжести плоской фигуры

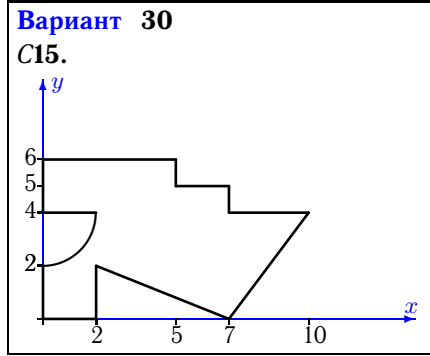
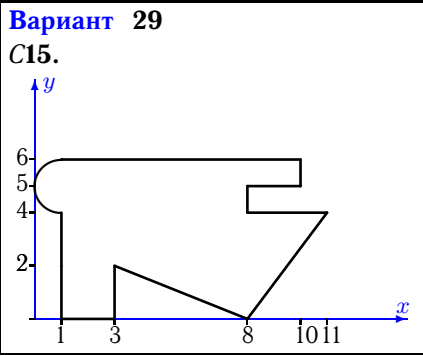
Найти площадь (в м^2) и координаты центра тяжести плоской фигуры (в м).
Отметки на осях даны в метрах. Криволинейный участок контура является дугой половины или четверти окружности.

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









Ответы

	A	x_c	y_c
1	44.571	4.350	3.843
2	37.858	3.311	4.406
3	43.858	4.089	3.936
4	39.571	4.294	3.408
5	38.217	4.570	2.757
6	41.142	4.973	3.473
7	40.642	4.707	3.930
8	48.717	5.282	2.987
9	44.142	5.277	3.109
10	56.642	6.037	3.829
11	56.571	4.971	4.764
12	47.142	5.642	2.975
13	36.429	3.230	3.716
14	43.429	3.485	4.697
15	46.142	5.193	3.974
16	46.717	4.649	3.684
17	46.571	5.123	3.315
18	54.283	5.629	3.269
19	44.358	4.133	3.719
20	53.929	4.611	3.846
21	37.142	4.648	3.201
22	48.142	5.102	4.802
23	48.717	4.516	4.597
24	27.858	3.183	3.270
25	28.717	3.831	3.478
26	51.858	4.567	3.840
27	41.358	4.288	2.787
28	43.071	4.158	4.077
29	46.571	5.123	3.382
30	37.858	4.279	3.111