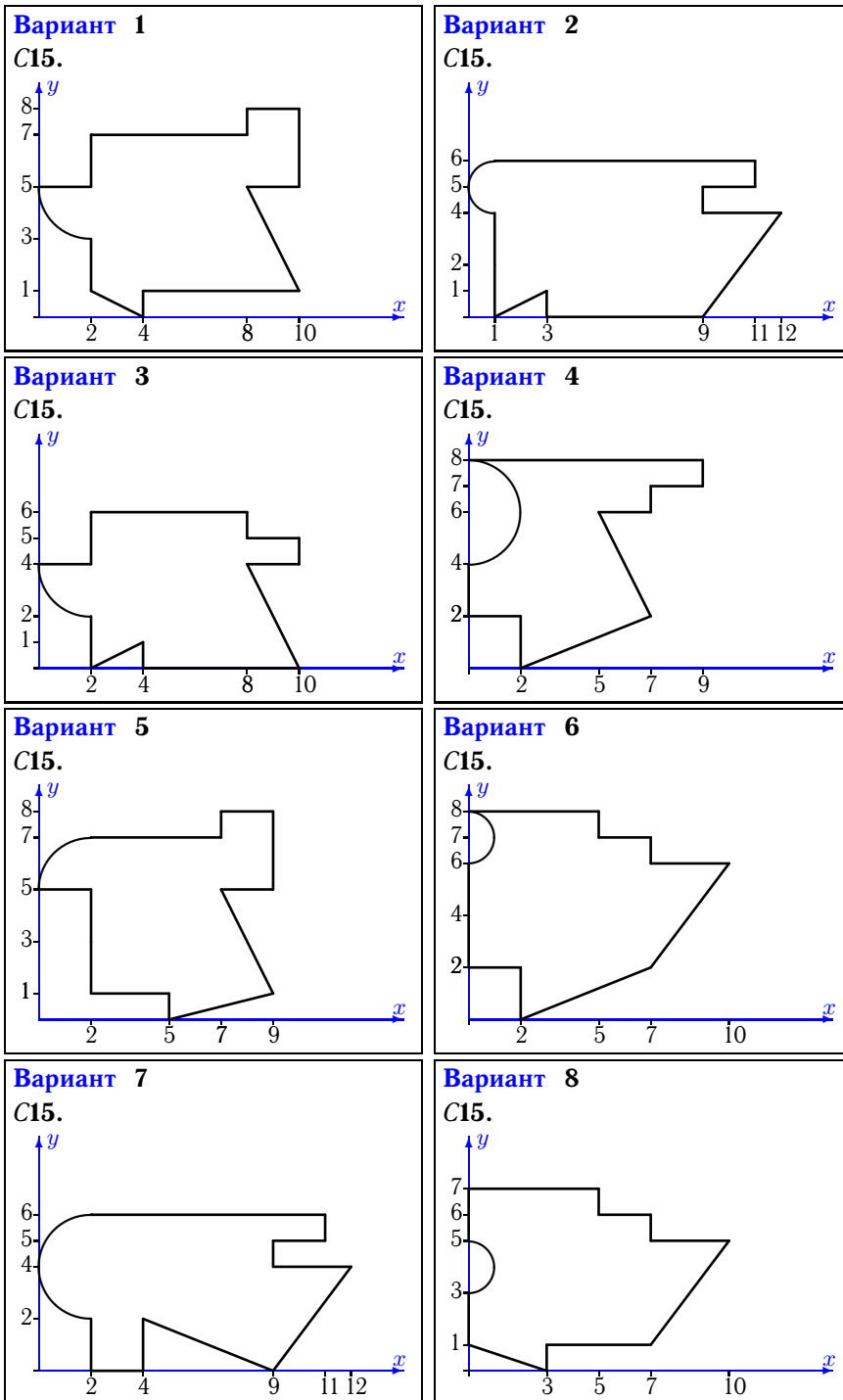
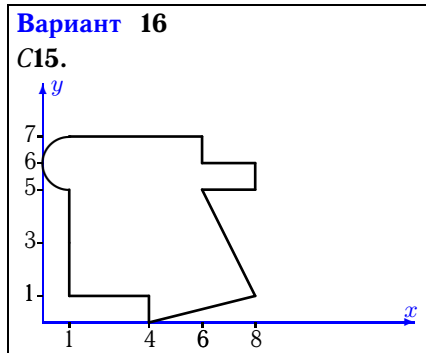
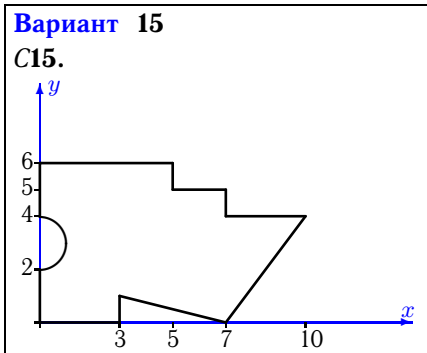
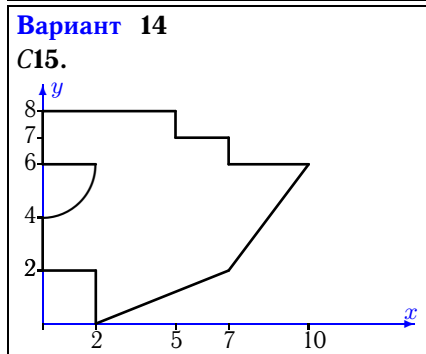
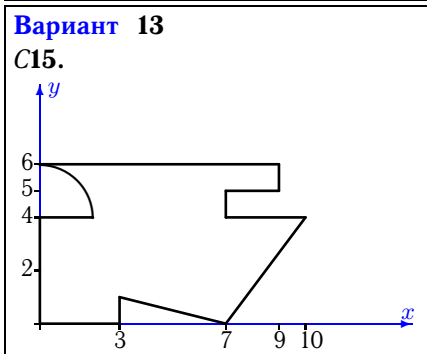
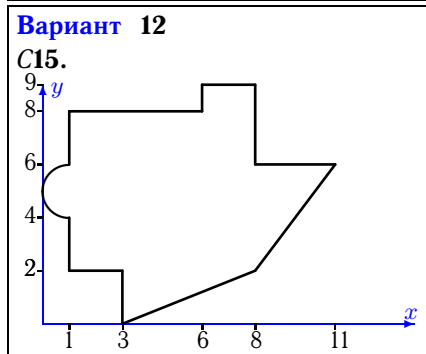
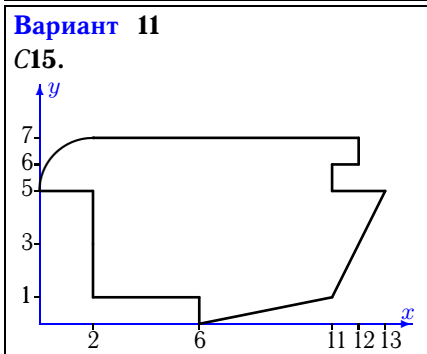
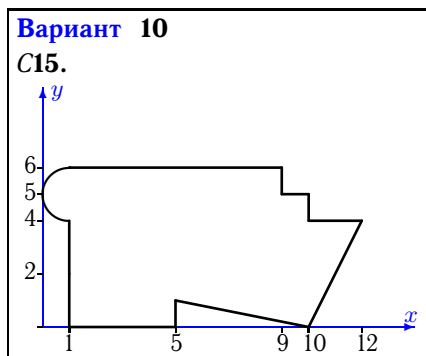
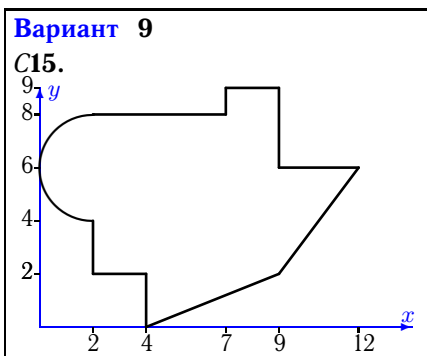


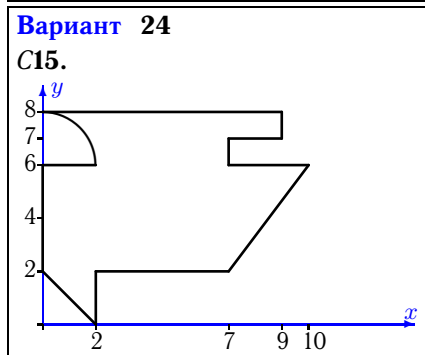
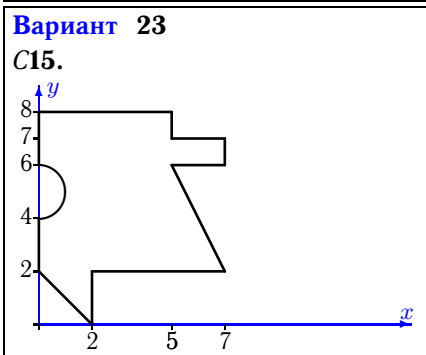
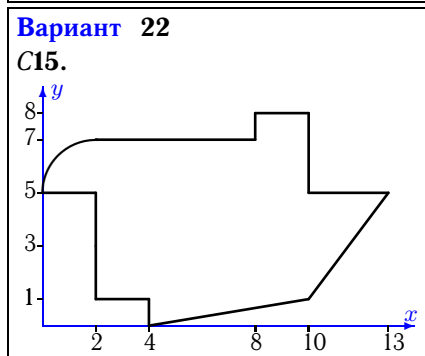
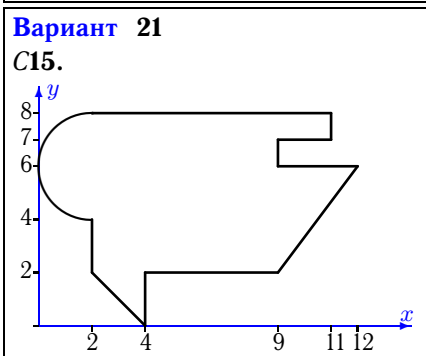
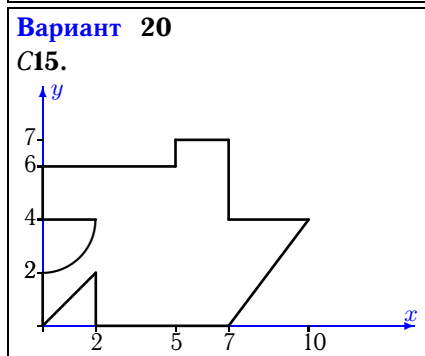
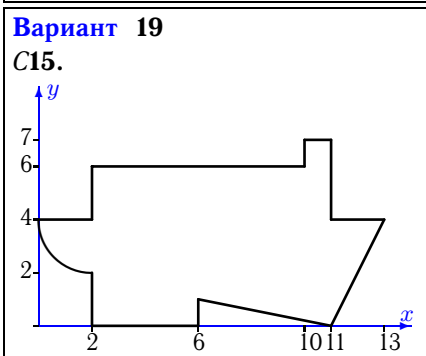
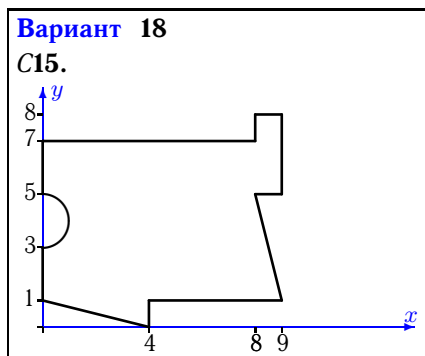
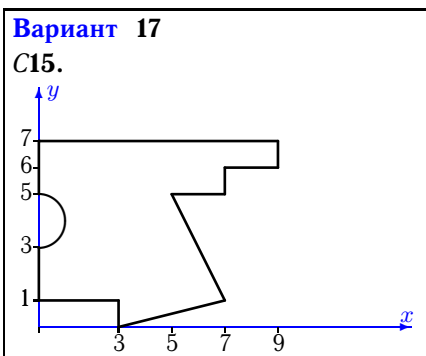
Центр тяжести плоской фигуры

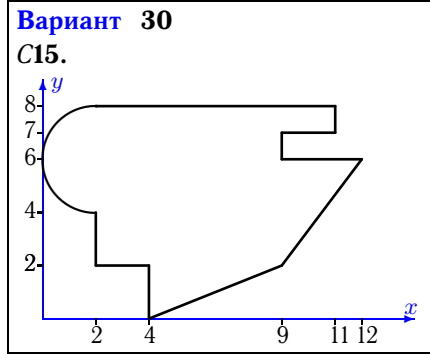
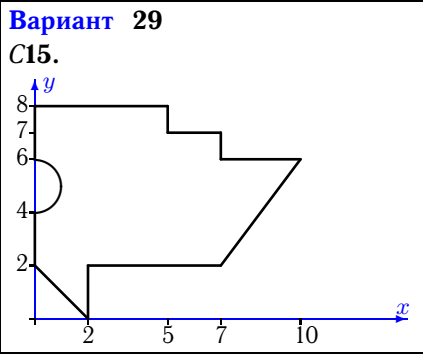
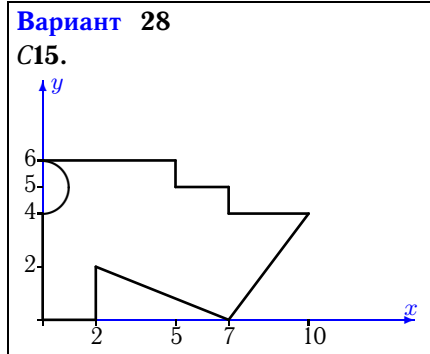
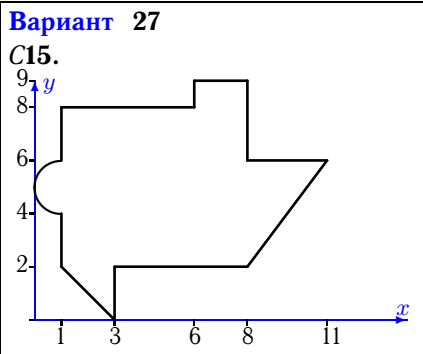
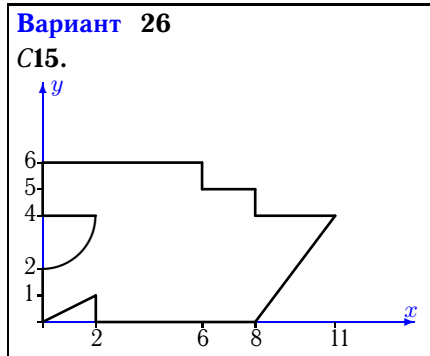
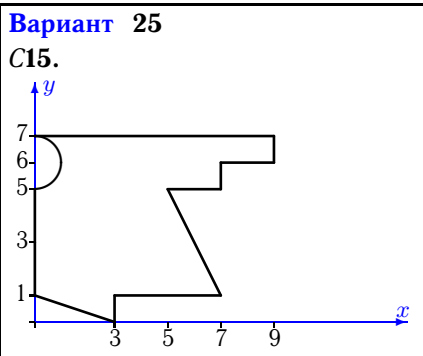
Найти площадь (в м^2) и координаты центра тяжести плоской фигуры (в м). Отметки на осях даны в метрах. Криволинейный участок контура является дугой половины или четверти окружности.

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









Ответы

	A	x_c	y_c
1	50.142	5.497	4.109
2	56.571	5.631	3.156
3	44.142	5.277	2.988
4	38.717	3.892	4.528
5	45.142	5.094	4.166
6	49.429	4.060	4.424
7	51.283	5.653	3.409
8	45.929	4.035	3.739
9	61.283	5.590	4.885
10	56.071	5.607	3.107
11	64.642	6.682	3.979
12	56.571	4.971	4.764
13	44.858	4.451	3.056
14	47.858	4.151	4.461
15	42.429	4.093	2.961
16	39.571	3.974	3.818
17	40.429	3.603	3.992
18	53.429	4.470	3.953
19	59.642	6.583	3.156
20	44.858	4.496	3.205
21	58.283	5.575	5.033
22	62.142	6.334	4.013
23	36.429	3.065	4.698
24	48.858	4.319	4.792
25	39.929	3.506	3.955
26	47.858	4.764	2.900
27	53.571	4.901	4.956
28	39.429	4.159	3.039
29	46.429	3.985	4.691
30	61.283	5.655	4.852