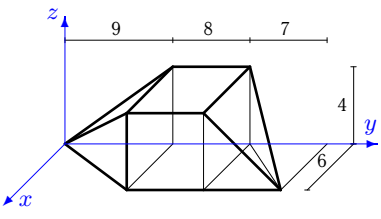
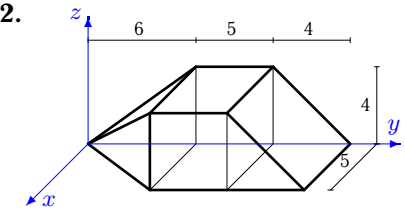
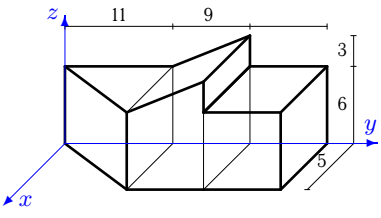
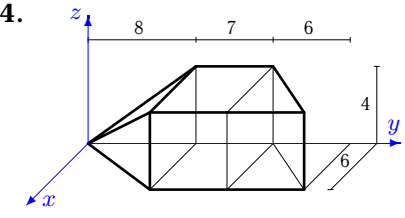
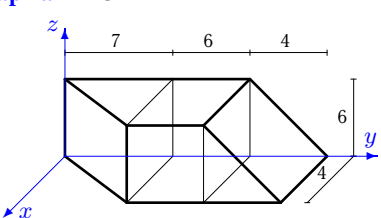
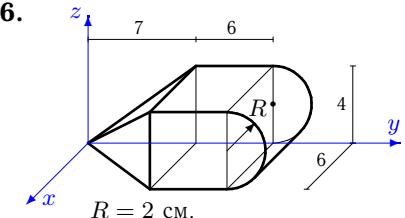
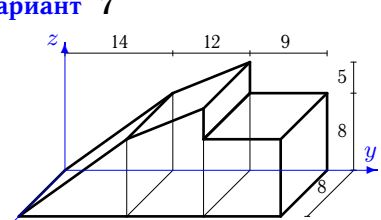
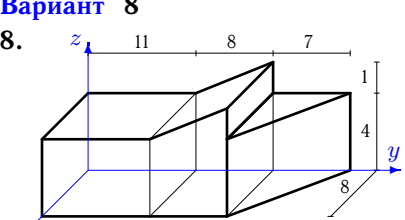
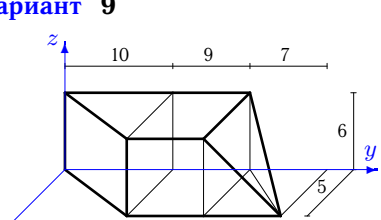
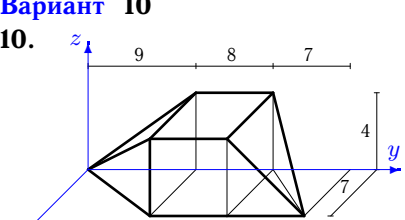
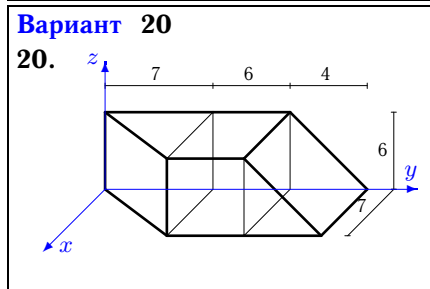
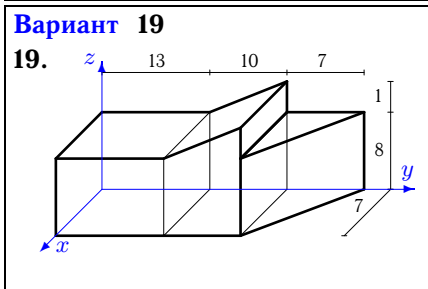
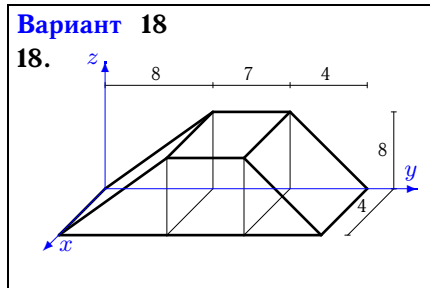
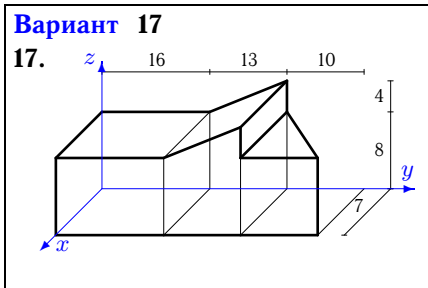
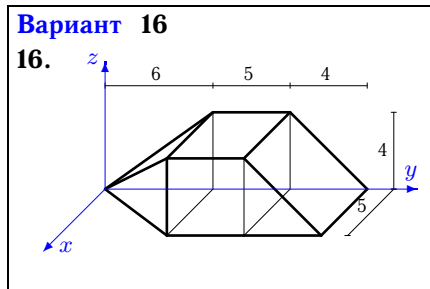
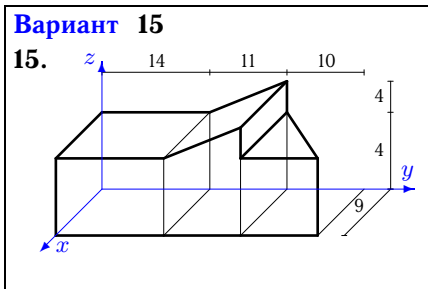
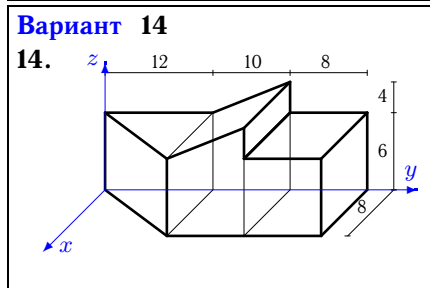
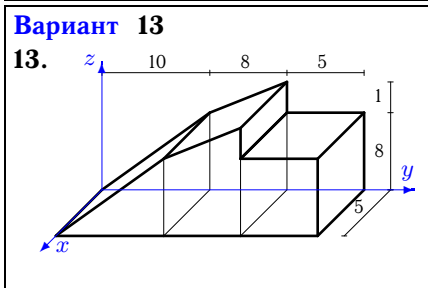
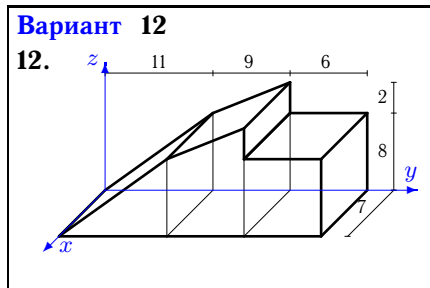
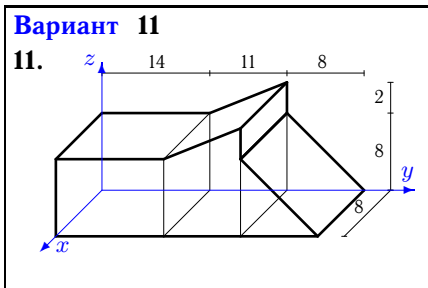


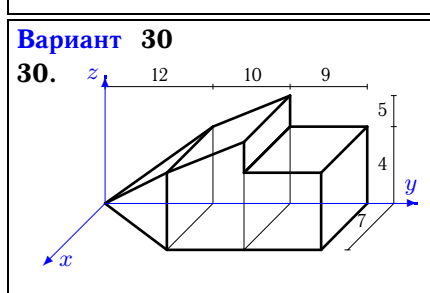
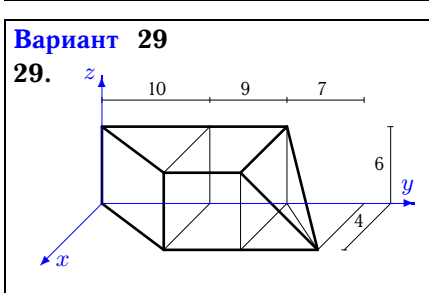
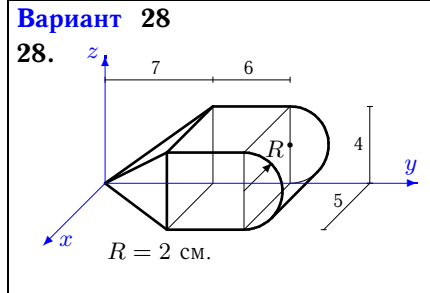
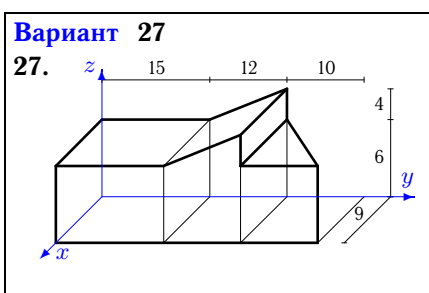
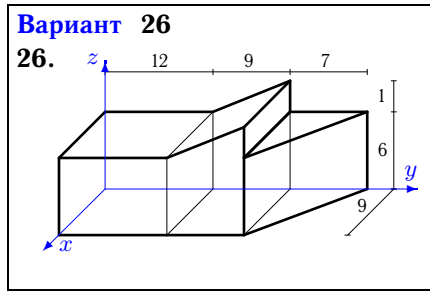
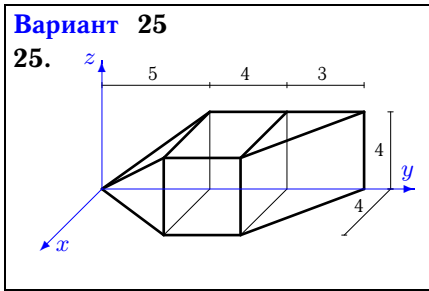
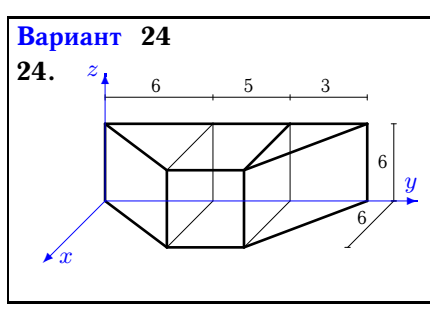
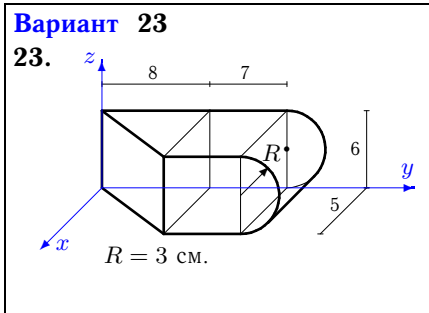
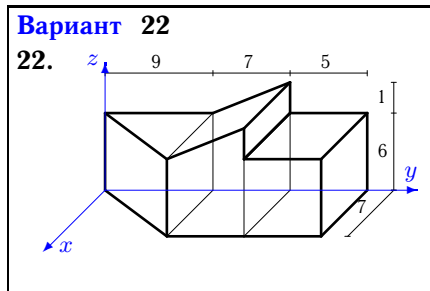
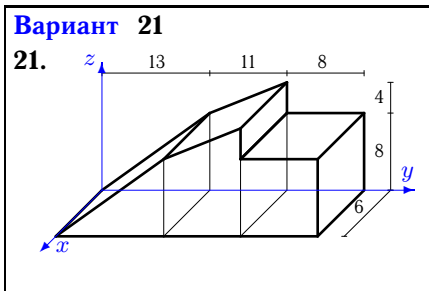
Центр тяжести объемного тела

Найти координаты центра тяжести однородного объемного тела. Размеры даны в метрах.

Кирсанов М.Н. Решебник. Теоретическая механика с. 125.

<p>Вариант 1</p> <p>1. </p>	<p>Вариант 2</p> <p>2. </p>
<p>Вариант 3</p> <p>3. </p>	<p>Вариант 4</p> <p>4. </p>
<p>Вариант 5</p> <p>5. </p>	<p>Вариант 6</p> <p>6. </p> <p style="text-align: center;">$R = 2 \text{ см.}$</p>
<p>Вариант 7</p> <p>7. </p>	<p>Вариант 8</p> <p>8. </p>
<p>Вариант 9</p> <p>9. </p>	<p>Вариант 10</p> <p>10. </p>





Ответы

	V	x_c	y_c	z_c
1	320.000	2.963	12.600	1.800
2	180.000	2.361	8.463	1.741
3	712.500	2.307	16.109	4.232
4	304.000	3.079	11.645	1.895
5	276.000	1.797	9.130	2.826
6	237.699	2.823	9.491	1.882
7	2032.000	4.000	20.861	5.375
8	752.000	3.801	11.553	2.709
9	490.000	2.334	12.995	2.893
10	373.333	3.456	12.600	1.800
11	1944.000	4.000	14.897	5.333
12	1211.000	3.500	15.582	5.395
13	740.000	2.500	13.811	5.405
14	1312.000	3.707	17.862	4.220
15	1278.000	4.711	16.099	2.723
16	180.000	2.361	8.463	1.741
17	2086.000	3.657	17.781	5.512
18	416.000	2.000	10.346	3.385
19	1519.000	3.349	13.473	5.505
20	483.000	3.145	9.130	2.826
21	1356.000	3.000	19.106	5.381
22	717.500	3.193	12.584	4.263
23	400.686	2.250	10.495	3.000
24	342.000	2.526	7.632	3.000
25	114.667	1.744	6.872	1.884
26	1363.500	4.292	12.502	4.099
27	1944.000	4.708	16.894	4.111
28	198.083	2.353	9.491	1.882
29	392.000	1.867	12.995	2.893
30	819.000	3.380	19.185	2.758