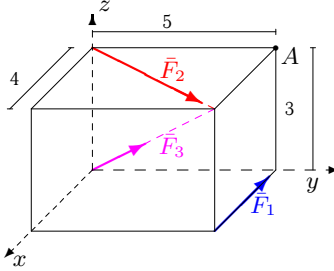
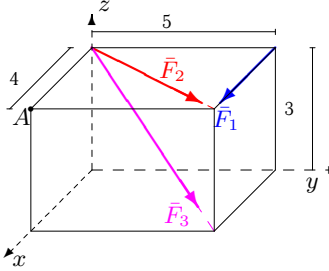
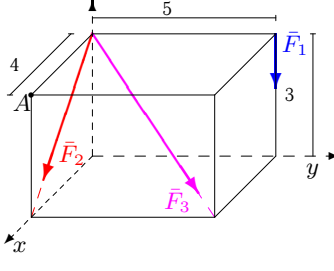
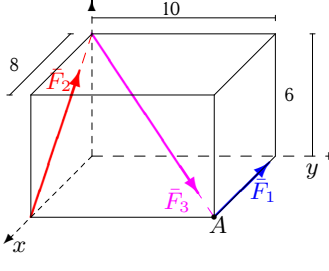
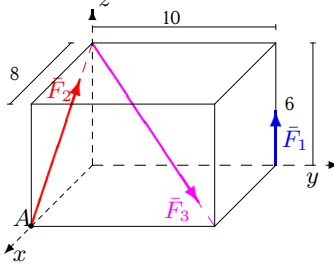
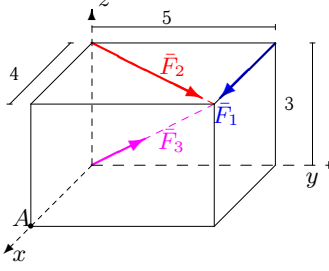
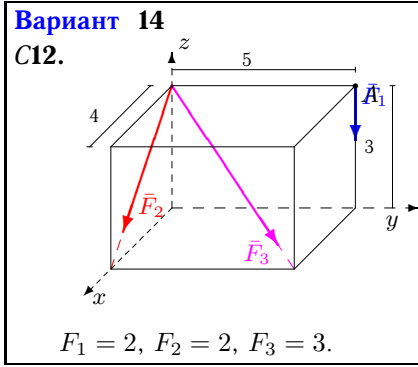
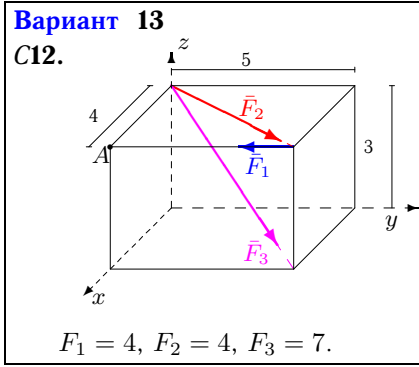
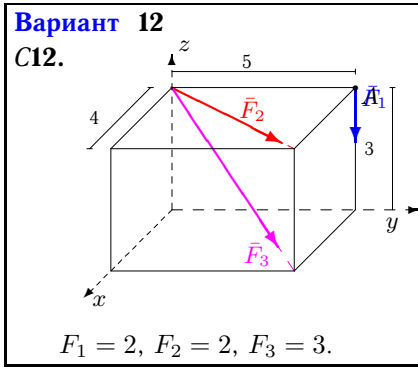
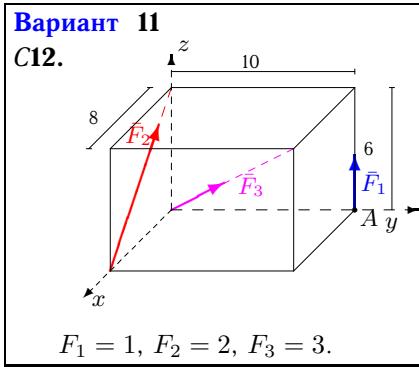
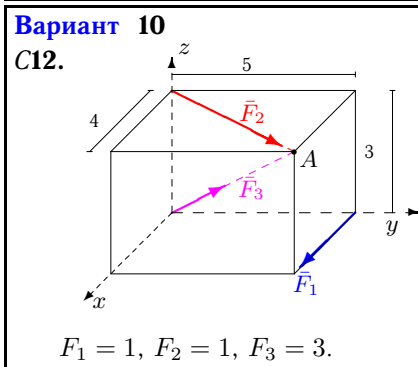
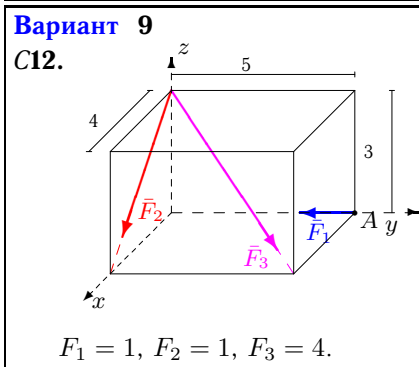
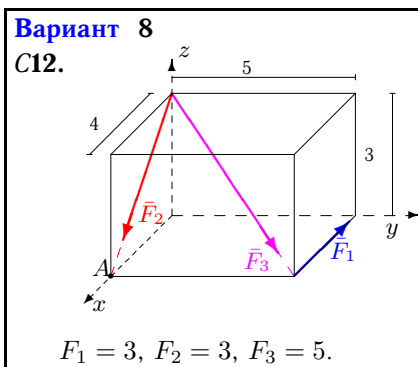
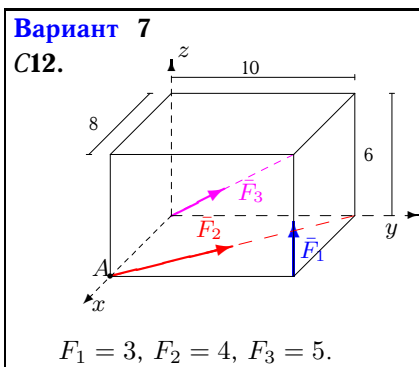


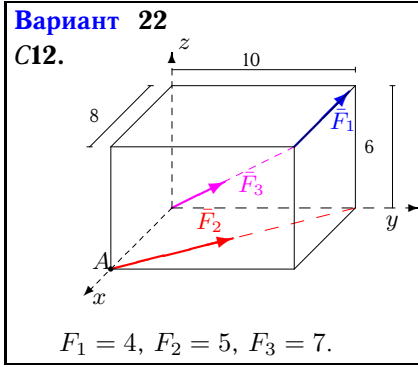
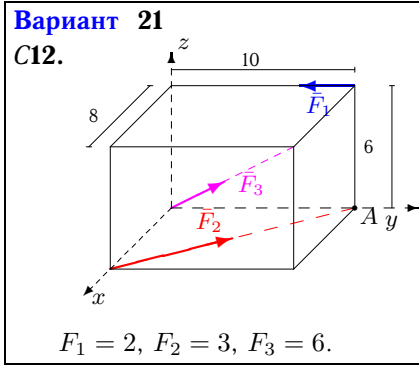
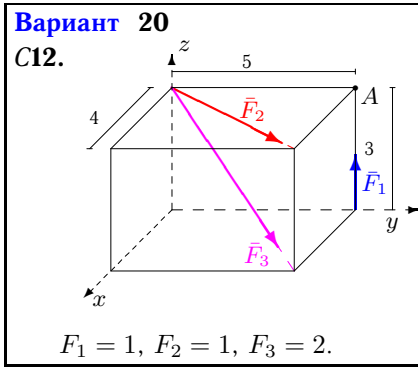
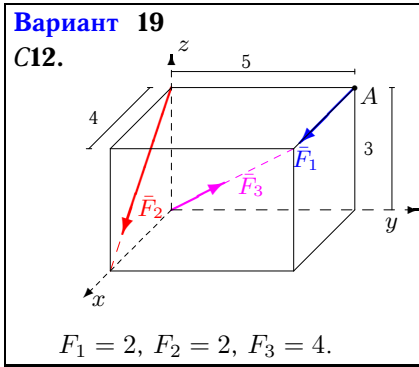
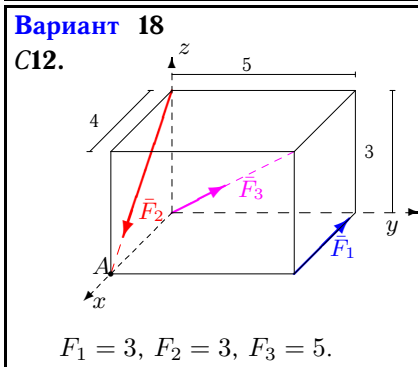
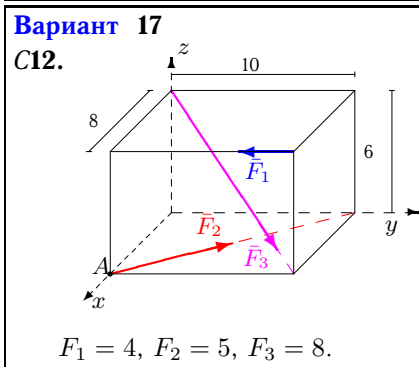
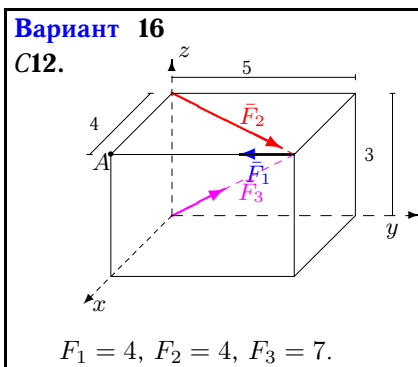
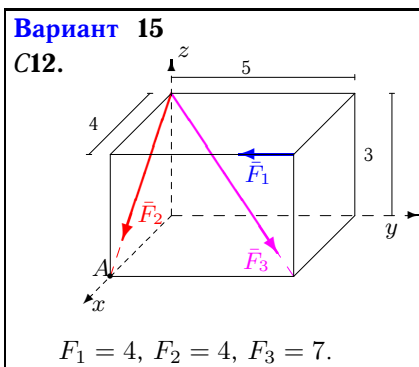
Приведение системы сил к простейшему виду

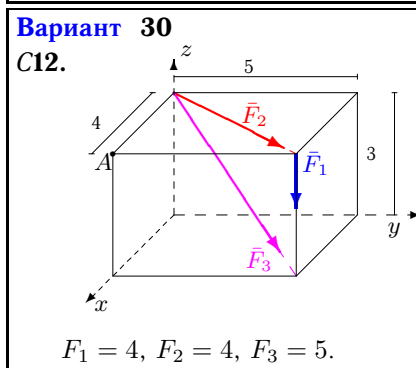
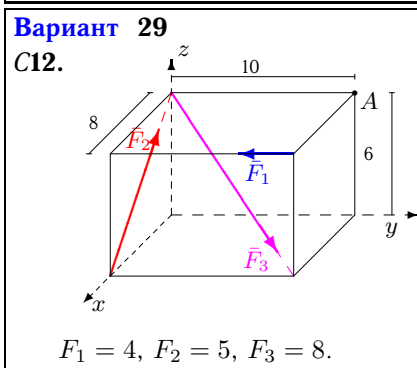
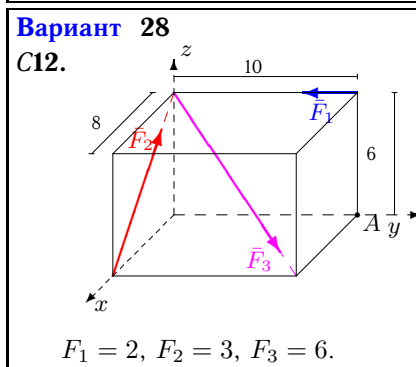
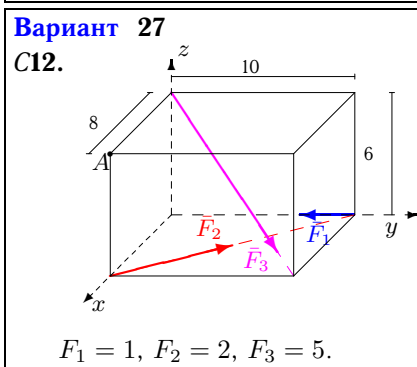
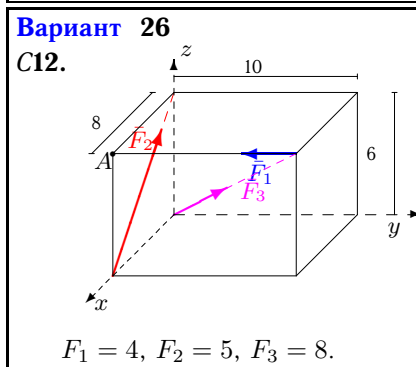
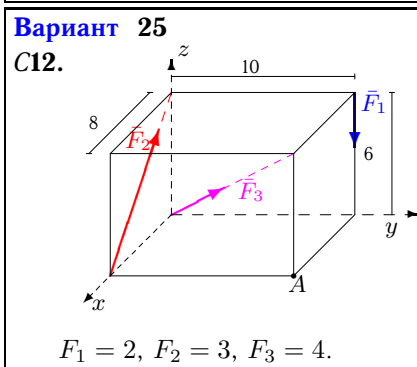
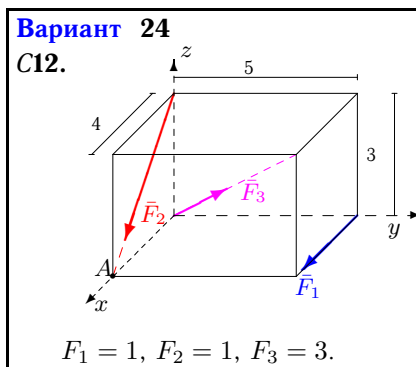
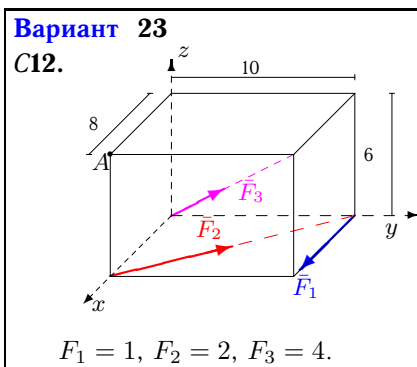
Систему трех сил, приложенных к вершинам параллелепипеда, привести к началу координат. Найти координаты точки пересечения центральной винтовой оси с плоскостью xy . Размеры на рисунках даны в м, силы — в Н.

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<p>Вариант 1 С12.</p>  <p style="text-align: center;">$F_1 = 3, F_2 = 3, F_3 = 5.$</p>	<p>Вариант 2 С12.</p>  <p style="text-align: center;">$F_1 = 2, F_2 = 2, F_3 = 4.$</p>
<p>Вариант 3 С12.</p>  <p style="text-align: center;">$F_1 = 2, F_2 = 2, F_3 = 3.$</p>	<p>Вариант 4 С12.</p>  <p style="text-align: center;">$F_1 = 3, F_2 = 4, F_3 = 6.$</p>
<p>Вариант 5 С12.</p>  <p style="text-align: center;">$F_1 = 1, F_2 = 2, F_3 = 3.$</p>	<p>Вариант 6 С12.</p>  <p style="text-align: center;">$F_1 = 2, F_2 = 2, F_3 = 4.$</p>







Ответы

	R_x	R_y	R_z	R	M_x	M_y	M_z	M	x_A	y_A
1	1.703	5.878	2.121	6.477	-7.028	5.622	15.000	17.493	0.844	-4.325
2	5.512	4.390	-1.697	7.248	-13.170	16.536	-10.000	23.386	8.909	8.810
3	3.297	2.121	-4.473	5.948	-16.364	9.891	0.000	19.121	2.653	2.972
4	-2.806	4.243	-0.146	5.089	-25.456	1.165	30.000	39.362	-73.031	121.263
5	0.097	2.121	0.927	2.317	-2.728	0.582	0.000	2.789	-0.214	-2.961
6	5.512	4.390	1.697	7.248	-4.685	9.748	-10.000	14.730	-5.744	-2.761
7	0.330	6.659	5.121	8.407	30.000	-24.000	24.988	45.830	4.282	5.878
8	2.228	3.536	-3.921	5.731	-10.607	15.685	15.000	24.156	4.741	2.238
9	3.063	1.828	-2.297	4.243	-8.485	9.188	0.000	12.507	4.406	3.013
10	3.322	2.902	1.273	4.591	-2.343	1.874	-5.000	5.831	-2.414	-0.762
11	0.097	2.121	3.473	4.071	10.000	-9.600	0.000	13.862	2.049	2.912
12	2.946	3.683	-3.273	5.741	-21.049	8.839	0.000	22.830	3.707	5.627
13	6.459	4.073	-2.970	8.193	-12.220	19.376	-16.000	27.942	5.553	5.654
14	3.297	2.121	-4.473	5.948	-16.364	9.891	0.000	19.121	2.653	2.972
15	7.160	0.950	-5.370	9.000	-2.849	21.479	-16.000	26.935	3.812	1.945
16	6.459	4.073	2.970	8.193	2.630	7.496	-16.000	17.864	-2.524	0.885
17	1.402	5.561	-3.394	6.664	-9.941	27.153	-0.765	28.926	2.848	4.228
18	2.228	3.536	0.321	4.192	0.000	7.200	15.000	16.639	-3.447	-11.951
19	5.863	2.828	0.497	6.528	0.000	10.800	-10.000	14.719	-18.313	-7.078
20	1.756	2.195	0.151	2.815	-1.585	5.268	0.000	5.502	-18.724	-23.310
21	1.520	4.585	2.546	5.460	12.000	0.000	18.741	22.254	3.984	3.393
22	-3.164	8.854	2.970	9.860	0.000	-24.000	71.235	75.169	8.052	-0.010
23	2.013	4.390	1.697	5.119	0.000	0.000	2.494	2.494	0.418	-0.192
24	3.497	2.121	0.673	4.145	0.000	2.400	-5.000	5.546	-3.250	-0.523
25	-0.137	2.828	1.497	3.203	-20.000	-14.400	0.000	24.645	2.624	-13.699
26	0.525	1.657	6.394	6.626	24.000	-24.000	-32.000	46.648	2.386	4.187
27	1.579	4.097	-2.121	4.877	-21.213	16.971	12.494	29.901	7.226	10.298
28	0.994	2.243	-0.746	2.564	-13.456	5.965	0.000	14.719	8.000	18.047
29	0.525	1.657	-0.394	1.782	-9.941	3.153	-32.000	33.657	-8.690	30.518
30	5.327	6.659	-6.121	10.497	-39.977	31.982	0.000	51.196	5.225	6.531