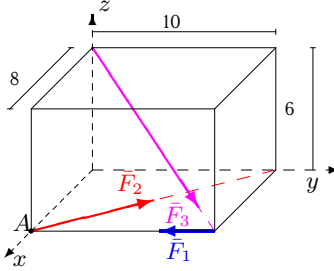
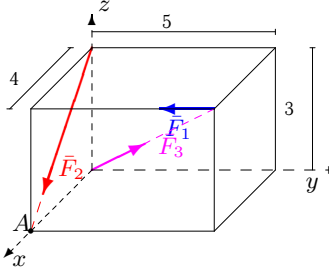
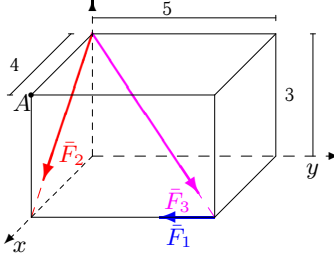
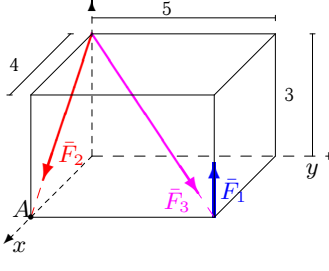
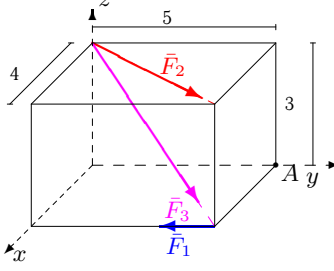
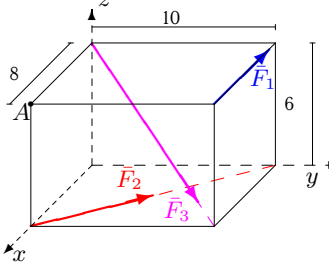
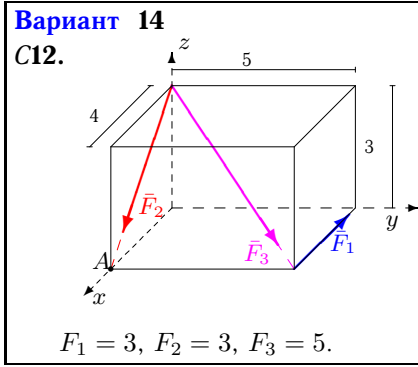
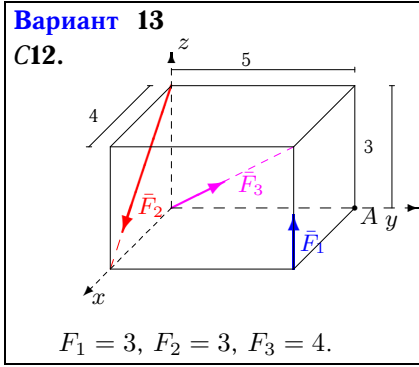
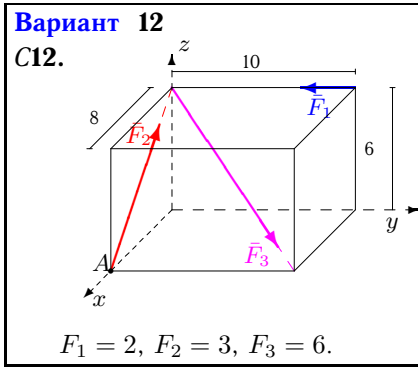
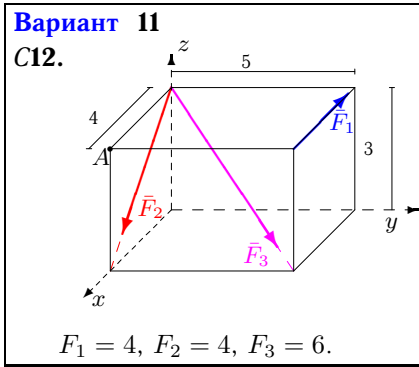
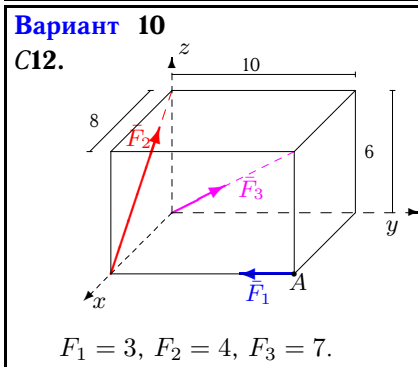
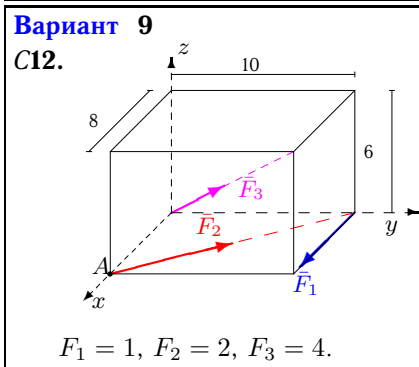
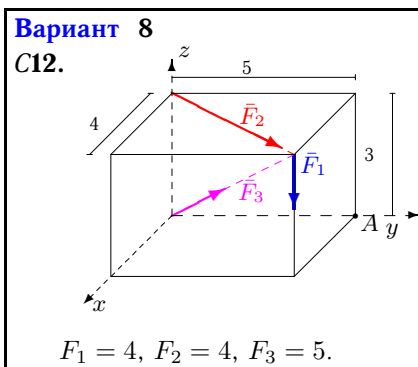
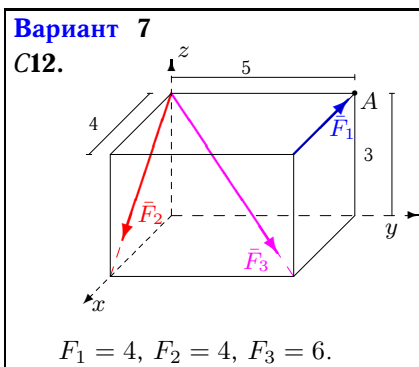


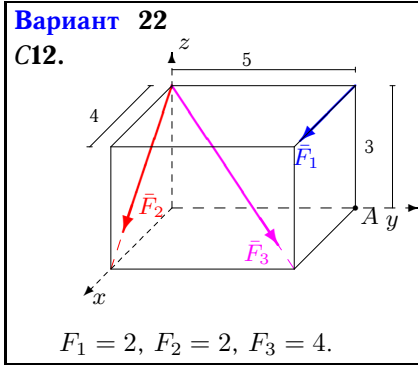
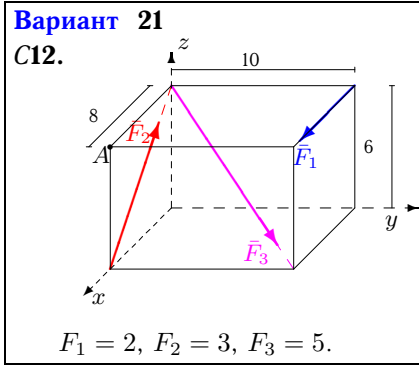
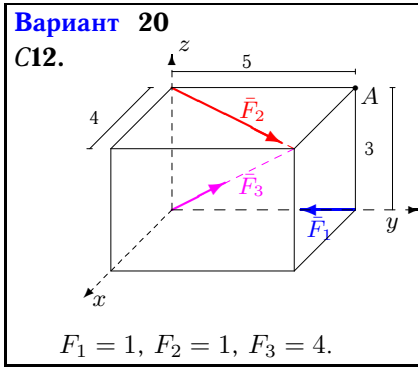
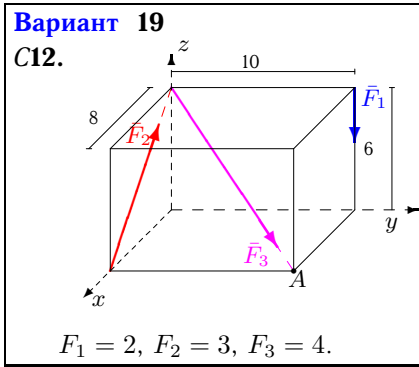
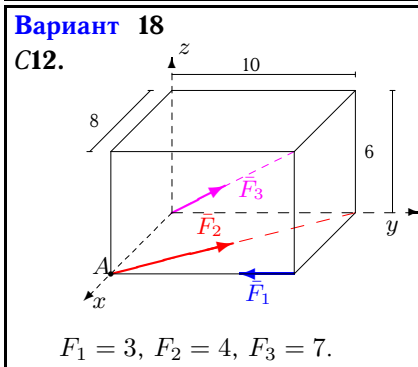
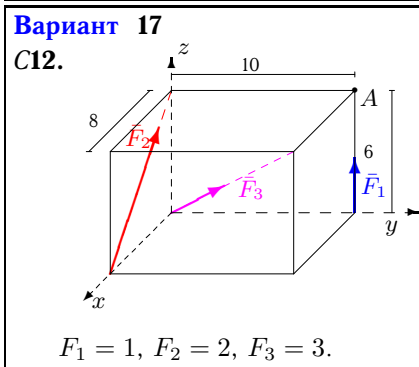
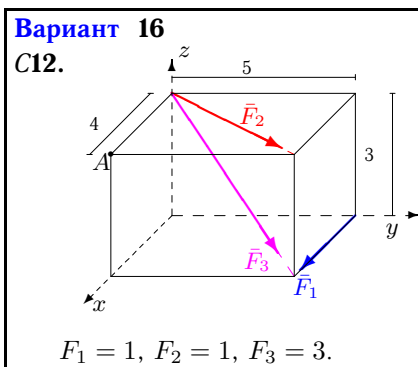
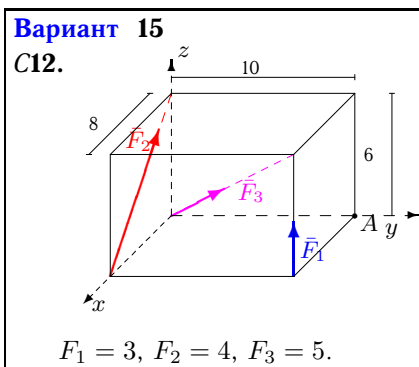
Приведение системы сил к простейшему виду

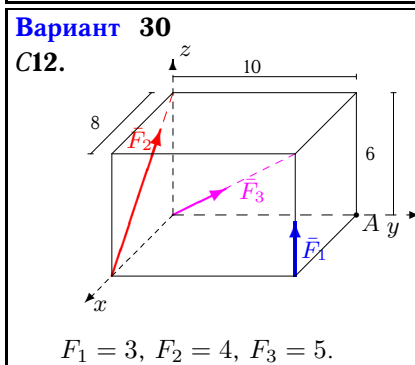
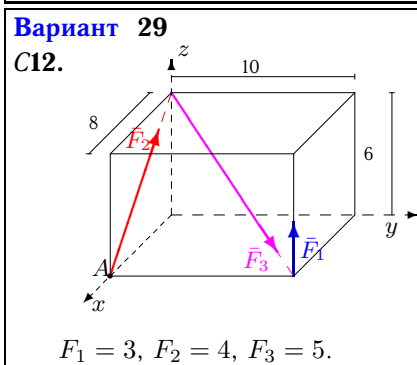
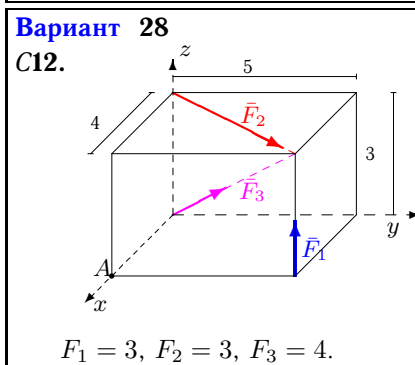
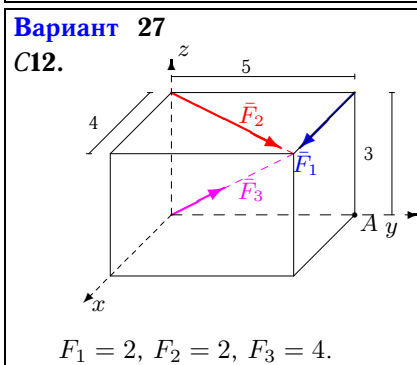
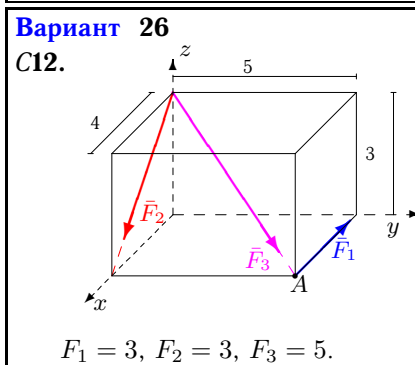
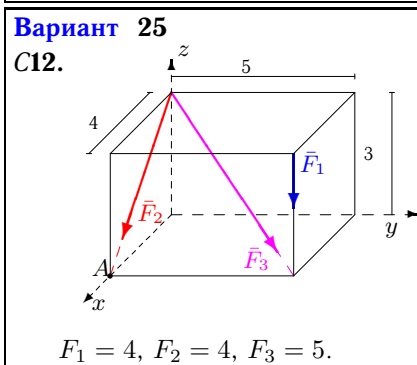
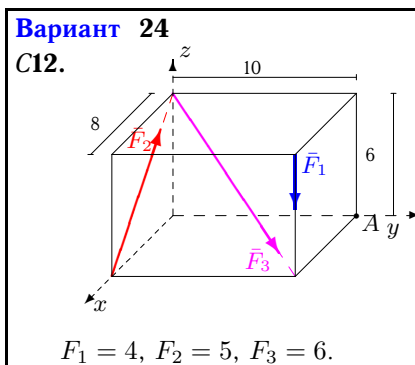
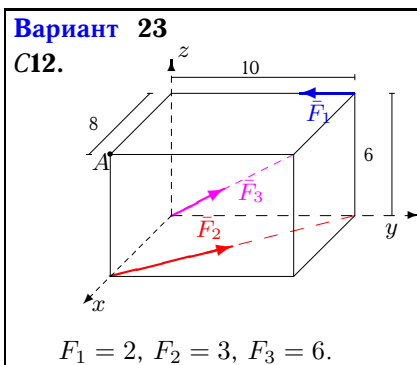
Систему трех сил, приложенных к вершинам параллелепипеда, привести к началу координат. Найти координаты точки пересечения центральной винтовой оси с плоскостью xy . Размеры на рисунках даны в м, силы — в Н.

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<p>Вариант 1 С12.</p>  <p style="text-align: center;">$F_1 = 3, F_2 = 4, F_3 = 7.$</p>	<p>Вариант 2 С12.</p>  <p style="text-align: center;">$F_1 = 4, F_2 = 4, F_3 = 7.$</p>
<p>Вариант 3 С12.</p>  <p style="text-align: center;">$F_1 = 3, F_2 = 3, F_3 = 6.$</p>	<p>Вариант 4 С12.</p>  <p style="text-align: center;">$F_1 = 3, F_2 = 3, F_3 = 4.$</p>
<p>Вариант 5 С12.</p>  <p style="text-align: center;">$F_1 = 3, F_2 = 3, F_3 = 6.$</p>	<p>Вариант 6 С12.</p>  <p style="text-align: center;">$F_1 = 4, F_2 = 5, F_3 = 7.$</p>







Ответы

	R_x	R_y	R_z	R	M_x	M_y	M_z	M	x_A	y_A
1	1.461	5.073	-2.970	6.057	-29.698	23.759	0.988	38.045	4.545	10.995
2	7.160	0.950	0.570	7.245	12.000	9.600	-16.000	22.185	-14.118	0.492
3	5.794	1.243	-4.346	7.348	-12.728	17.382	-12.000	24.661	4.000	2.929
4	4.663	2.828	-0.497	5.476	6.515	1.988	0.000	6.811	-2.831	-1.845
5	5.268	3.585	-2.546	6.862	-19.756	15.805	-12.000	28.001	6.713	7.019
6	-3.164	8.854	-2.970	9.860	-29.698	-0.241	71.235	77.178	3.590	11.312
7	2.594	4.243	-4.946	7.013	-12.728	7.782	20.000	24.951	3.299	1.519
8	5.327	6.659	-1.879	8.732	-29.370	23.496	0.000	37.612	12.507	15.634
9	2.013	4.390	1.697	5.119	0.000	0.000	2.494	2.494	0.418	-0.192
10	0.760	1.950	5.370	5.763	0.000	-19.200	-24.000	30.735	1.757	0.708
11	2.594	4.243	-4.946	7.013	-12.728	7.782	20.000	24.951	3.299	1.519
12	0.994	2.243	-0.746	2.564	-13.456	5.965	0.000	14.719	8.000	18.047
13	4.663	2.828	2.897	6.175	15.000	-4.800	0.000	15.749	3.100	2.799
14	2.228	3.536	-3.921	5.731	-10.607	15.685	15.000	24.156	4.741	2.238
15	-0.372	3.536	7.521	8.319	30.000	-43.200	0.000	52.595	4.631	3.872
16	3.322	2.902	-1.273	4.591	-8.707	6.965	-5.000	12.220	5.726	6.550
17	0.097	2.121	3.473	4.071	10.000	-9.600	0.000	13.862	2.049	2.912
18	1.461	5.073	2.970	6.057	0.000	0.000	0.988	0.988	0.137	-0.039
19	-0.137	2.828	-1.897	3.408	-36.971	-0.824	0.000	36.980	-0.786	19.471
20	2.887	2.609	1.697	4.246	-2.343	1.874	0.000	3.000	-1.264	-1.204
21	2.428	3.536	-0.321	4.301	-21.213	14.571	-20.000	32.593	41.524	68.644
22	5.863	2.828	-2.897	7.125	-8.485	17.588	-10.000	21.940	5.514	4.084
23	1.520	4.585	2.546	5.460	12.000	0.000	18.741	22.254	3.984	3.393
24	-0.606	4.243	-3.546	5.562	-65.456	28.365	0.000	71.337	1.812	17.577
25	6.028	3.536	-8.521	11.021	-30.607	34.085	0.000	45.810	4.219	3.219
26	2.228	3.536	-3.921	5.731	-10.607	15.685	15.000	24.156	4.741	2.238
27	5.512	4.390	1.697	7.248	-4.685	9.748	-10.000	14.730	-5.744	-2.761
28	4.137	5.171	4.697	8.119	7.972	-6.378	0.000	10.209	1.358	1.697
29	-0.372	3.536	3.279	4.836	8.787	-26.229	0.000	27.662	3.574	2.215
30	-0.372	3.536	7.521	8.319	30.000	-43.200	0.000	52.595	4.631	3.872