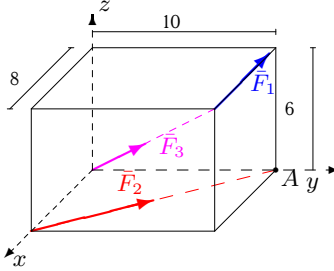
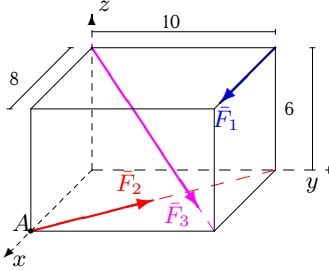
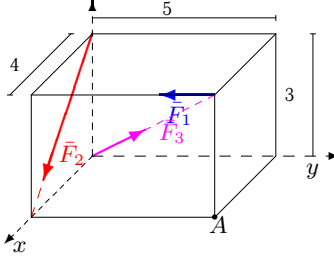
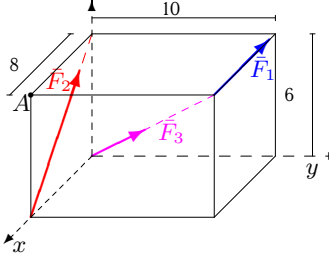
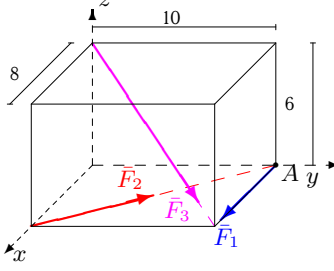
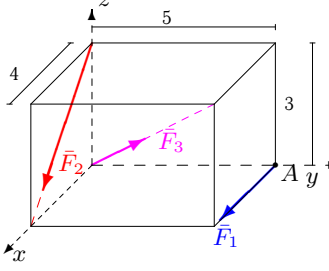
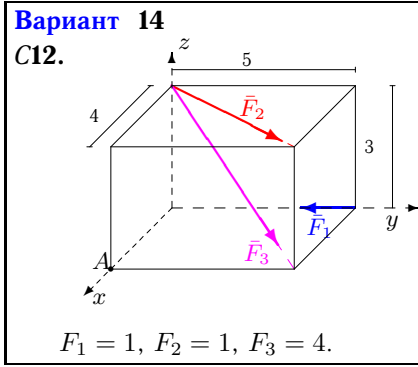
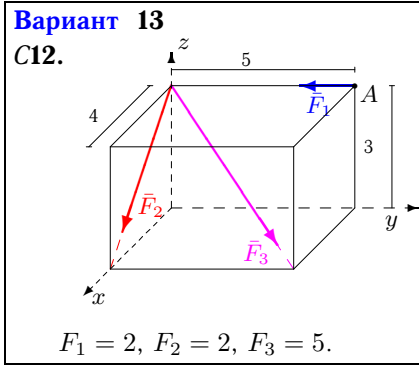
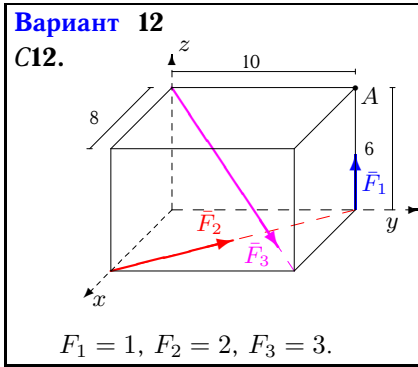
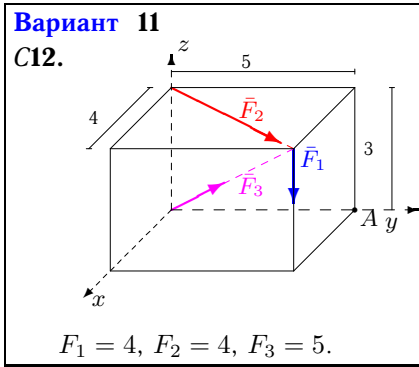
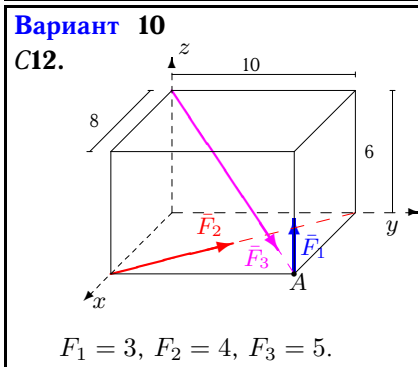
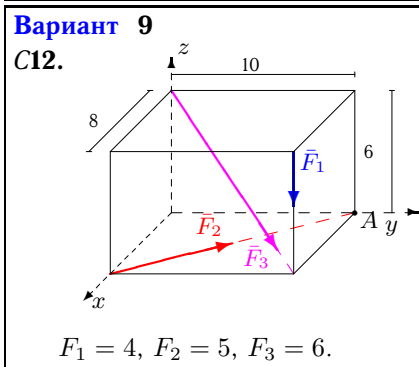
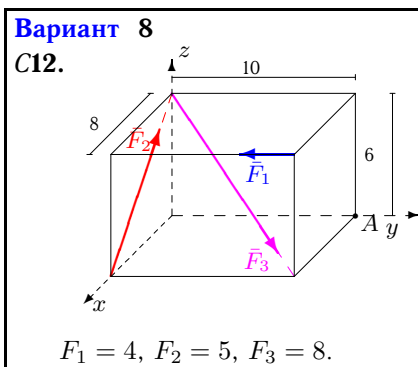
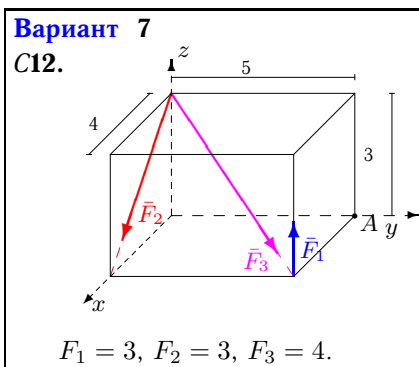


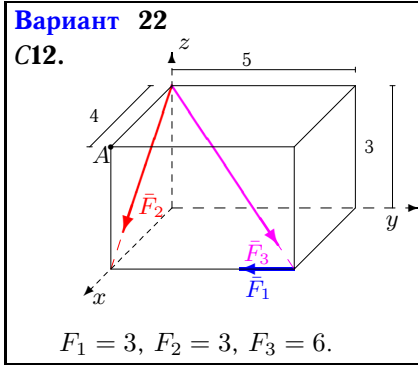
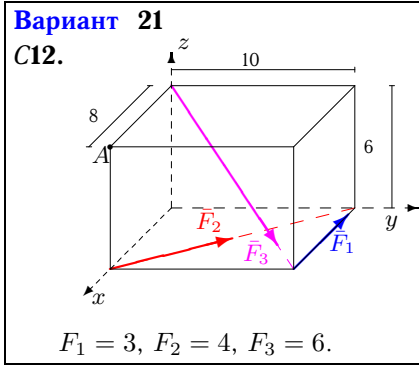
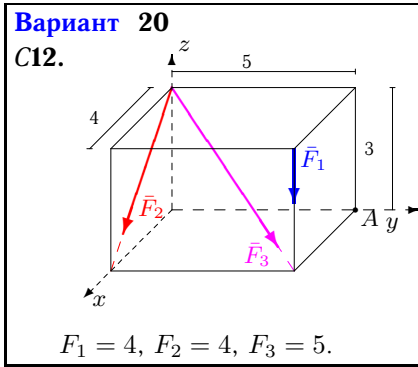
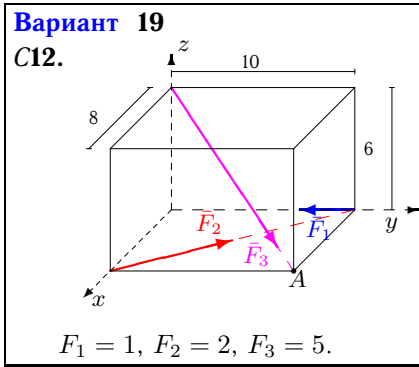
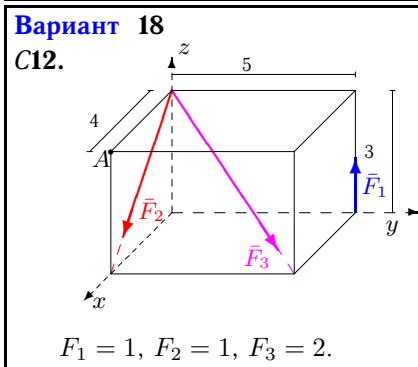
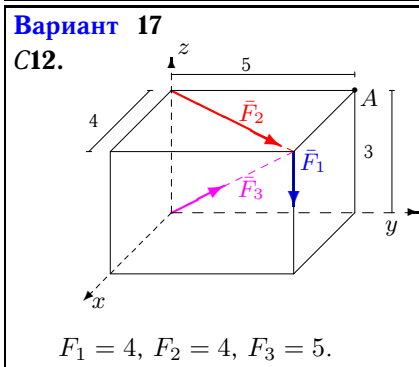
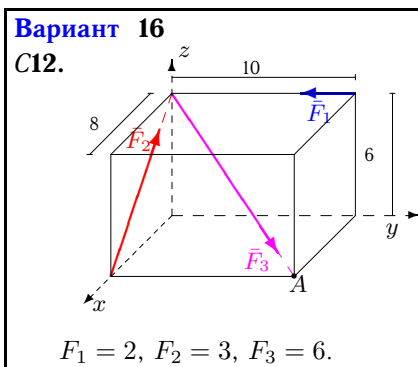
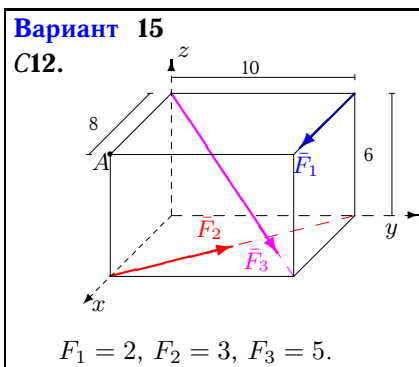
Приведение системы сил к простейшему виду

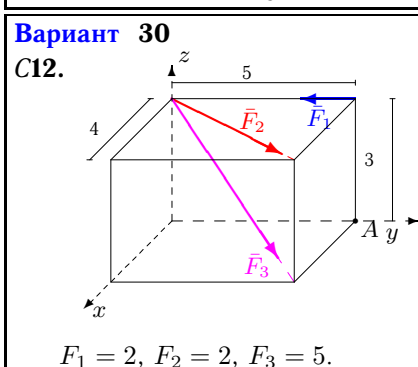
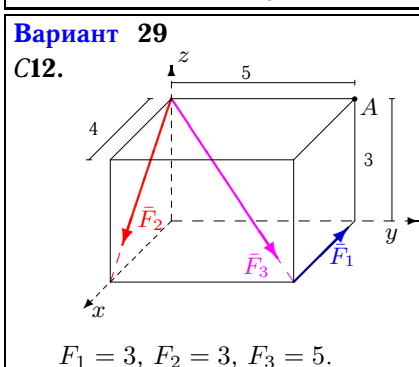
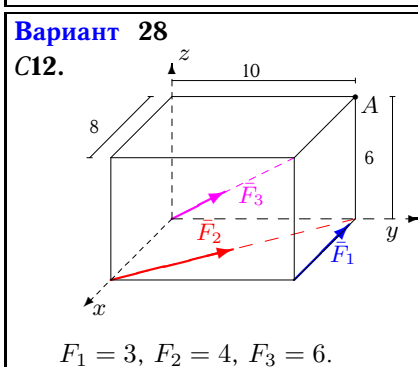
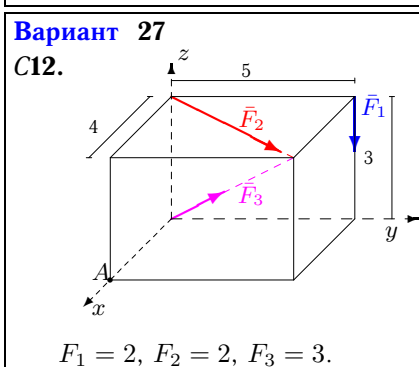
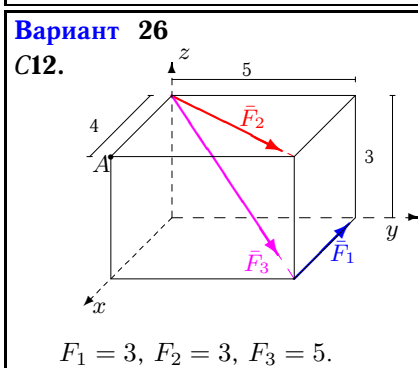
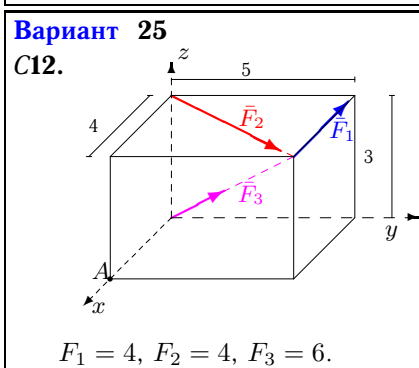
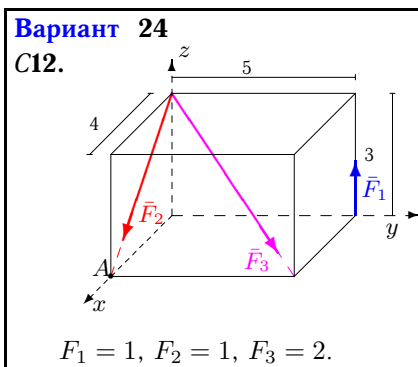
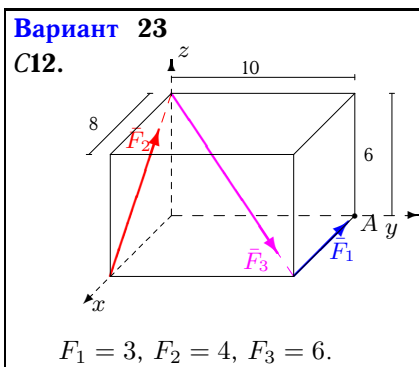
Систему трех сил, приложенных к вершинам параллелепипеда, привести к началу координат. Найти координаты точки пересечения центральной винтовой оси с плоскостью xy . Размеры на рисунках даны в м, силы — в Н.

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







Ответы

	R_x	R_y	R_z	R	M_x	M_y	M_z	M	x_A	y_A
1	-3.164	8.854	2.970	9.860	0.000	-24.000	71.235	75.169	8.052	-0.010
2	2.954	5.878	-2.121	6.912	-21.213	28.971	-1.259	35.929	7.261	13.215
3	7.160	0.950	0.570	7.245	12.000	9.600	-16.000	22.185	-14.118	0.492
4	-4.040	4.950	5.970	8.744	0.000	-48.000	40.000	62.482	8.053	0.011
5	2.013	4.390	-1.697	5.119	-16.971	13.576	2.494	21.876	5.907	10.960
6	3.497	2.121	0.673	4.145	0.000	2.400	-5.000	5.546	-3.250	-0.523
7	4.663	2.828	-0.497	5.476	6.515	1.988	0.000	6.811	-2.831	-1.845
8	0.525	1.657	-0.394	1.782	-9.941	3.153	-32.000	33.657	-8.690	30.518
9	0.271	8.147	-6.546	10.454	-65.456	52.365	31.235	89.455	5.672	10.077
10	0.330	6.659	0.879	6.725	8.787	-7.029	24.988	27.405	4.321	10.182
11	5.327	6.659	-1.879	8.732	-29.370	23.496	0.000	37.612	12.507	15.634
12	0.448	3.683	-0.273	3.720	-2.728	10.182	12.494	16.347	5.257	13.898
13	4.428	1.536	-3.321	5.745	-4.607	13.285	0.000	14.061	4.000	1.387
14	2.887	2.609	-1.697	4.246	-10.828	8.662	0.000	13.866	5.843	5.563
15	2.954	5.878	-2.121	6.912	-21.213	28.971	-1.259	35.929	7.261	13.215
16	0.994	2.243	-0.746	2.564	-13.456	5.965	0.000	14.719	8.000	18.047
17	5.327	6.659	-1.879	8.732	-29.370	23.496	0.000	37.612	12.507	15.634
18	1.931	1.414	-0.449	2.435	0.757	5.794	0.000	5.843	7.785	5.322
19	1.579	4.097	-2.121	4.877	-21.213	16.971	12.494	29.901	7.226	10.298
20	6.028	3.536	-8.521	11.021	-30.607	34.085	0.000	45.810	4.219	3.219
21	-2.105	7.366	-2.546	8.073	-25.456	20.365	54.988	63.925	5.176	9.193
22	5.794	1.243	-4.346	7.348	-12.728	17.382	-12.000	24.661	4.000	2.929
23	-2.806	4.243	-0.146	5.089	-25.456	1.165	30.000	39.362	-73.031	121.263
24	1.931	1.414	-0.449	2.435	0.757	5.794	0.000	5.843	7.785	5.322
25	1.893	7.366	2.546	8.020	-9.370	-4.504	20.000	22.541	1.769	-3.681
26	1.703	5.878	-2.121	6.477	-17.634	14.108	15.000	27.111	5.258	8.716
27	2.946	3.683	-0.727	4.772	-14.685	3.748	0.000	15.156	11.706	14.952
28	-2.105	7.366	2.546	8.073	0.000	0.000	54.988	54.988	6.215	1.776
29	2.228	3.536	-3.921	5.731	-10.607	15.685	15.000	24.156	4.741	2.238
30	4.078	3.097	-2.121	5.543	-9.292	12.233	0.000	15.362	5.767	4.380