

Векторная алгебра

Найти значение x

Задача 12.29.

12

$$\begin{aligned}\vec{a} &= \{1, 2, 5\}, \vec{b} = \{6, 6, 4\}, \\ \vec{c} &= \{1, 0, 1\}, \vec{d} = \{2, 2, -2\}, \\ x &= ([\vec{a}, \vec{b}], \vec{b} + \vec{c} + \vec{d})\end{aligned}$$

Задача 12.30.

12

$$\begin{aligned}\vec{a} &= \{5, 3, 4\}, \vec{b} = \{7, 6, 1\}, \\ \vec{c} &= \{1, -5, 1\}, \vec{d} = \{3, 1, -3\}, \\ x &= ([\vec{a} + \vec{b}, \vec{c}], \vec{c} + \vec{d})\end{aligned}$$

Задача 12.31.

12

$$\begin{aligned}\vec{a} &= \{2, 1, 4\}, \vec{b} = \{3, 6, 0\}, \\ \vec{c} &= \{1, -2, 2\}, \vec{d} = \{1, 1, 0\}, \\ x &= ([\vec{a} + \vec{b}, \vec{c} + \vec{d}], \vec{a})\end{aligned}$$

Задача 12.32.

12

$$\begin{aligned}\vec{a} &= \{1, 6, 4\}, \vec{b} = \{2, 7, 0\}, \\ \vec{c} &= \{2, 0, 3\}, \vec{d} = \{1, 2, -4\}, \\ x &= ([\vec{a}, \vec{b}], \vec{b} + \vec{c} + \vec{d})\end{aligned}$$

Задача 12.33.

12

$$\begin{aligned}\vec{a} &= \{5, 4, 6\}, \vec{b} = \{6, 1, 0\}, \\ \vec{c} &= \{2, -5, 1\}, \vec{d} = \{3, 1, -4\}, \\ x &= ([\vec{a} + \vec{b}, \vec{c}], \vec{c} + \vec{d})\end{aligned}$$

Задача 12.34.

12

$$\begin{aligned}\vec{a} &= \{4, 7, 7\}, \vec{b} = \{7, 4, 2\}, \\ \vec{c} &= \{2, -3, 3\}, \vec{d} = \{2, 2, -5\}, \\ x &= ([\vec{a} + \vec{b}, \vec{c}], \vec{c} + \vec{d})\end{aligned}$$

Задача 12.35.

12

$$\begin{aligned}\vec{a} &= \{5, 5, 6\}, \vec{b} = \{2, 5, -4\}, \\ \vec{c} &= \{2, -3, 3\}, \vec{d} = \{2, 3, -3\}, \\ x &= ([\vec{a} + \vec{b}, \vec{c}], \vec{c} + \vec{d})\end{aligned}$$

Задача 12.36.

12

$$\begin{aligned}\vec{a} &= \{3, 2, 1\}, \vec{b} = \{4, 7, 0\}, \\ \vec{c} &= \{1, -2, 3\}, \vec{d} = \{1, 2, 0\}, \\ x &= ([\vec{a} + \vec{b} + \vec{c}, \vec{d}], \vec{a})\end{aligned}$$

Задача 12.37.

12

$$\begin{aligned}\vec{a} &= \{4, 4, 6\}, \vec{b} = \{7, 2, 2\}, \\ \vec{c} &= \{2, -4, 2\}, \vec{d} = \{3, 1, -3\}, \\ x &= ([\vec{a} + \vec{b}, \vec{c}], \vec{c} + \vec{d})\end{aligned}$$

Задача 12.38.

12

$$\begin{aligned}\vec{a} &= \{5, 3, 1\}, \vec{b} = \{6, 4, 0\}, \\ \vec{c} &= \{3, -3, 1\}, \vec{d} = \{3, 3, -3\}, \\ x &= ([\vec{a} + \vec{b}, \vec{c}], \vec{c} + \vec{d})\end{aligned}$$

Задача 12.39.

12

$$\begin{aligned}\vec{a} &= \{1, 2, 6\}, \vec{b} = \{4, 2, 2\}, \\ \vec{c} &= \{2, -1, 1\}, \vec{d} = \{1, 1, -2\}, \\ x &= ([\vec{a}, \vec{b}], \vec{b} + \vec{c} + \vec{d})\end{aligned}$$

Задача 12.40.

12

$$\begin{aligned}\vec{a} &= \{1, 1, 6\}, \vec{b} = \{4, 1, 2\}, \\ \vec{c} &= \{2, 0, 3\}, \vec{d} = \{1, 2, 1\}, \\ x &= ([\vec{a}, \vec{b}], \vec{b} + \vec{c} + \vec{d})\end{aligned}$$

Задача 12.41.

12

$$\begin{aligned}\vec{a} &= \{1, 1, 3\}, \vec{b} = \{7, 5, 5\}, \\ \vec{c} &= \{2, 0, 2\}, \vec{d} = \{2, 2, 0\}, \\ x &= ([\vec{a}, \vec{b}], \vec{b} + \vec{c} + \vec{d})\end{aligned}$$

Задача 12.42.

12

$$\begin{aligned}\vec{a} &= \{3, 1, 4\}, \vec{b} = \{1, 7, -3\}, \\ \vec{c} &= \{3, -2, 2\}, \vec{d} = \{2, 2, 0\}, \\ x &= ([\vec{a} + \vec{b} + \vec{c}, \vec{d}], \vec{a})\end{aligned}$$

Задача 12.43.

12

$$\vec{a} = \{1, 7, 6\}, \vec{b} = \{6, 5, 4\},$$
$$\vec{c} = \{2, 1, 3\}, \vec{d} = \{3, 3, -5\},$$
$$x = ([\vec{a}, \vec{b}], \vec{b} + \vec{c} + \vec{d})$$

Задача 12.44.

12

$$\vec{a} = \{2, 3, 7\}, \vec{b} = \{5, 5, 2\},$$
$$\vec{c} = \{1, -2, 2\}, \vec{d} = \{2, 1, -2\},$$
$$x = ([\vec{a} + \vec{b}, \vec{c} + \vec{d}], \vec{a})$$

Задача 12.45.

12

$$\vec{a} = \{5, 2, 4\}, \vec{b} = \{3, 4, -3\},$$
$$\vec{c} = \{2, -5, 3\}, \vec{d} = \{3, 1, 0\},$$
$$x = ([\vec{a} + \vec{b}, \vec{c}], \vec{c} + \vec{d})$$

Задача 12.46.

12

$$\vec{a} = \{5, 3, 3\}, \vec{b} = \{6, 6, 0\},$$
$$\vec{c} = \{3, -4, 3\}, \vec{d} = \{1, 2, -1\},$$
$$x = ([\vec{a} + \vec{b}, \vec{c}], \vec{c} + \vec{d})$$

Задача 12.47.

12

$$\vec{a} = \{3, 7, 6\}, \vec{b} = \{2, 6, -2\},$$
$$\vec{c} = \{2, -2, 3\}, \vec{d} = \{2, 2, -5\},$$
$$x = ([\vec{a} + \vec{b}, \vec{c} + \vec{d}], \vec{a})$$

Задача 12.48.

12

$$\vec{a} = \{2, 1, 5\}, \vec{b} = \{1, 5, -2\},$$
$$\vec{c} = \{2, -2, 1\}, \vec{d} = \{2, 1, -1\},$$
$$x = ([\vec{a} + \vec{b}, \vec{c} + \vec{d}], \vec{a})$$

Задача 12.49.

12

$$\vec{a} = \{5, 4, 5\}, \vec{b} = \{2, 5, -4\},$$
$$\vec{c} = \{2, -5, 2\}, \vec{d} = \{1, 1, -3\},$$
$$x = ([\vec{a} + \vec{b}, \vec{c}], \vec{c} + \vec{d})$$

Задача 12.50.

12

$$\vec{a} = \{4, 3, 7\}, \vec{b} = \{7, 3, 2\},$$
$$\vec{c} = \{2, -2, 3\}, \vec{d} = \{3, 3, -1\},$$
$$x = ([\vec{a} + \vec{b} + \vec{c}, \vec{d}], \vec{a})$$

Задача 12.51.

12

$$\vec{a} = \{3, 1, 7\}, \vec{b} = \{5, 1, 1\},$$
$$\vec{c} = \{3, -2, 2\}, \vec{d} = \{1, 2, 0\},$$
$$x = ([\vec{a} + \vec{b} + \vec{c}, \vec{d}], \vec{a})$$

Задача 12.52.

12

$$\vec{a} = \{2, 7, 7\}, \vec{b} = \{6, 2, 3\},$$
$$\vec{c} = \{2, 0, 3\}, \vec{d} = \{2, 3, -5\},$$
$$x = ([\vec{a} + \vec{b}, \vec{c} + \vec{d}], \vec{a})$$

Задача 12.53.

12

$$\vec{a} = \{5, 2, 4\}, \vec{b} = \{2, 6, -4\},$$
$$\vec{c} = \{3, -5, 2\}, \vec{d} = \{2, 1, -1\},$$
$$x = ([\vec{a} + \vec{b}, \vec{c}], \vec{c} + \vec{d})$$

Задача 12.54.

12

$$\vec{a} = \{5, 7, 6\}, \vec{b} = \{2, 2, -4\},$$
$$\vec{c} = \{2, -4, 1\}, \vec{d} = \{2, 2, -7\},$$
$$x = ([\vec{a} + \vec{b}, \vec{c}], \vec{c} + \vec{d})$$

Задача 12.55.

12

$$\vec{a} = \{1, 5, 2\}, \vec{b} = \{6, 7, 4\},$$
$$\vec{c} = \{3, 0, 3\}, \vec{d} = \{1, 2, -3\},$$
$$x = ([\vec{a}, \vec{b}], \vec{b} + \vec{c} + \vec{d})$$

Задача 12.56.

12

$$\vec{a} = \{1, 4, 3\}, \vec{b} = \{5, 3, 3\},$$
$$\vec{c} = \{1, -1, 1\}, \vec{d} = \{2, 1, -4\},$$
$$x = ([\vec{a}, \vec{b}], \vec{b} + \vec{c} + \vec{d})$$

Векторная алгебра

29	-8
30	302
31	-42
32	-63
33	366
34	365
35	144
36	-7
37	294
38	168
39	-18
40	20
41	-12
42	-4
43	192
44	-118
45	47
46	62
47	-208
48	-117
49	170
50	176
51	104
52	212
53	77
54	350
55	40
56	60