

Карта разметки

1 вариант

●	●	●	●	●	●	●	●	●	●
A	B	C	D	E	F	G	H	I	J
●	●	●	●	●	●	●	●	●	●
K	L	M	N	O	P	Q	R	S	Q
●	●	●	●	●	●	●	●	●	●
U	V	W	X	Y	Z	A <sub>1</sub>	B <sub>1</sub>	C <sub>1</sub>	D <sub>1</sub>
●	●	●	●	●	●	●	●	●	●
E <sub>1</sub>	F <sub>1</sub>	G <sub>1</sub>	H <sub>1</sub>	I <sub>1</sub>	J <sub>1</sub>	K <sub>1</sub>	L <sub>1</sub>	M <sub>1</sub>	N <sub>1</sub>
●	●	●	●	●	●	●	●	●	●
O <sub>1</sub>	P <sub>1</sub>	Q <sub>1</sub>	R <sub>1</sub>	S <sub>1</sub>	T <sub>1</sub>	U <sub>1</sub>	V <sub>1</sub>	W <sub>1</sub>	X <sub>1</sub>
●	●	●	●	●	●	●	●	●	●
Y <sub>1</sub>	Z <sub>1</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>2</sub>	D <sub>2</sub>	E <sub>2</sub>	F <sub>2</sub>	G <sub>2</sub>	H <sub>2</sub>
●	●	●	●	●	●	●	●	●	●
I <sub>2</sub>	J <sub>2</sub>	K <sub>2</sub>	L <sub>2</sub>	M <sub>2</sub>	N <sub>2</sub>	O <sub>2</sub>	P <sub>2</sub>	Q <sub>2</sub>	R <sub>2</sub>
●	●	●	●	●	●	●	●	●	●
S <sub>2</sub>	T <sub>2</sub>	U <sub>2</sub>	V <sub>2</sub>	W <sub>2</sub>	X <sub>2</sub>	Y <sub>2</sub>	Z <sub>2</sub>	A <sub>3</sub>	B <sub>3</sub>
●	●	●	●	●	●	●	●	●	●
C <sub>3</sub>	D <sub>3</sub>	E <sub>3</sub>	F <sub>3</sub>	G <sub>3</sub>	H <sub>3</sub>	I <sub>3</sub>	J <sub>3</sub>	K <sub>3</sub>	L <sub>3</sub>
●	●	●	●	●	●	●	●	●	●
M <sub>3</sub>	N <sub>3</sub>	O <sub>3</sub>	P <sub>3</sub>	Q <sub>3</sub>	R <sub>3</sub>	S <sub>3</sub>	T <sub>3</sub>	U <sub>3</sub>	V <sub>3</sub>

Ход работы

В картах разметки постройте сумму или разность векторов и запишите, чему равен результат сложения или вычитания векторов:

а)  $\overrightarrow{AC} + \overrightarrow{AU} =$

б)  $\overrightarrow{GD} + \overrightarrow{GP} =$

в)  $\overrightarrow{UX} + \overrightarrow{XG}_1 =$

г)  $\overrightarrow{I}_1Z + \overrightarrow{ZL}_1 =$

д)  $\overrightarrow{O}_1S_1 + \overrightarrow{S}_1C_2 + \overrightarrow{C}_2O_1 =$

е)  $(\overrightarrow{X}_1U_1 + \overrightarrow{X}_1G_2) + \overrightarrow{D}_2N_2 =$

ж)  $\overrightarrow{M}_3T_2 - \overrightarrow{M}_3O_3 =$

з)  $\overrightarrow{I}_3S_3 - \overrightarrow{J}_3V_3 =$

и)  $(\overrightarrow{I}_2A_2 - \overrightarrow{I}_2U_2) + \overrightarrow{A}_2M_2 =$

к)  $(\overrightarrow{F}_3W_2 + \overrightarrow{F}_3R_3) - \overrightarrow{F}_3O_2 =$

Карта разметки

2 вариант

●	●	●	●	●	●	●	●	●	●
A	B	C	D	E	F	G	H	I	J
●	●	●	●	●	●	●	●	●	●
K	L	M	N	O	P	Q	R	S	Q
●	●	●	●	●	●	●	●	●	●
U	V	W	X	Y	Z	A <sub>1</sub>	B <sub>1</sub>	C <sub>1</sub>	D <sub>1</sub>
●	●	●	●	●	●	●	●	●	●
E <sub>1</sub>	F <sub>1</sub>	G <sub>1</sub>	H <sub>1</sub>	I <sub>1</sub>	J <sub>1</sub>	K <sub>1</sub>	L <sub>1</sub>	M <sub>1</sub>	N <sub>1</sub>
●	●	●	●	●	●	●	●	●	●
O <sub>1</sub>	P <sub>1</sub>	Q <sub>1</sub>	R <sub>1</sub>	S <sub>1</sub>	T <sub>1</sub>	U <sub>1</sub>	V <sub>1</sub>	W <sub>1</sub>	X <sub>1</sub>
●	●	●	●	●	●	●	●	●	●
Y <sub>1</sub>	Z <sub>1</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>2</sub>	D <sub>2</sub>	E <sub>2</sub>	F <sub>2</sub>	G <sub>2</sub>	H <sub>2</sub>
●	●	●	●	●	●	●	●	●	●
I <sub>2</sub>	J <sub>2</sub>	K <sub>2</sub>	L <sub>2</sub>	M <sub>2</sub>	N <sub>2</sub>	O <sub>2</sub>	P <sub>2</sub>	Q <sub>2</sub>	R <sub>2</sub>
●	●	●	●	●	●	●	●	●	●
S <sub>2</sub>	T <sub>2</sub>	U <sub>2</sub>	V <sub>2</sub>	W <sub>2</sub>	X <sub>2</sub>	Y <sub>2</sub>	Z <sub>2</sub>	A <sub>3</sub>	B <sub>3</sub>
●	●	●	●	●	●	●	●	●	●
C <sub>3</sub>	D <sub>3</sub>	E <sub>3</sub>	F <sub>3</sub>	G <sub>3</sub>	H <sub>3</sub>	I <sub>3</sub>	J <sub>3</sub>	K <sub>3</sub>	L <sub>3</sub>
●	●	●	●	●	●	●	●	●	●
M <sub>3</sub>	N <sub>3</sub>	O <sub>3</sub>	P <sub>3</sub>	Q <sub>3</sub>	R <sub>3</sub>	S <sub>3</sub>	T <sub>3</sub>	U <sub>3</sub>	V <sub>3</sub>

Ход работы

В картах разметки постройте сумму или разность векторов и запишите, чему равен результат сложения или вычитания векторов:

а)  $\overrightarrow{CA} + \overrightarrow{CW} =$

б)  $\overrightarrow{DG} + \overrightarrow{DO} =$

в)  $\overrightarrow{QB}_1 + \overrightarrow{B}_1N_1 =$

г)  $\overrightarrow{O}_1F_1 + \overrightarrow{F}_1R_1 =$

д)  $\overrightarrow{ZH}_1 + \overrightarrow{H}_1V_1 + \overrightarrow{V}_1Z =$

е)  $(\overrightarrow{Y}_1B_2 + \overrightarrow{Y}_1J_2) + \overrightarrow{M}_2T_1 =$

ж)  $\overrightarrow{U}_1N_2 - \overrightarrow{U}_1F_2 =$

з)  $\overrightarrow{W}_1H_2 - \overrightarrow{Q}_2J_3 =$

и)  $(\overrightarrow{C}_3T_2 - \overrightarrow{C}_3O_3) + \overrightarrow{T}_2V_2 =$

к)  $(\overrightarrow{W}_2F_3 + \overrightarrow{W}_2I_3) - \overrightarrow{W}_2P_2 =$