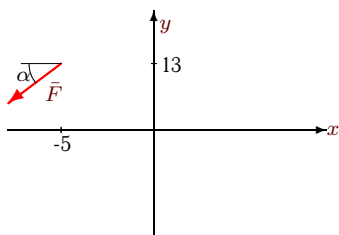


Момент силы относительно точки

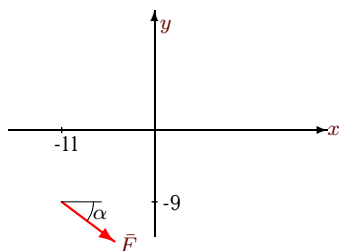
Найти момент силы F относительно начала координат.

Задача S23.1.



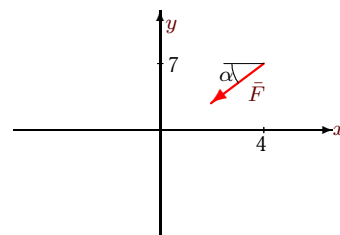
$$F = 10, \operatorname{tg} \alpha = 4/3$$

Задача S23.2.



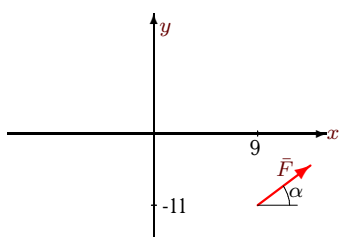
$$F = 5, \operatorname{tg} \alpha = 4/3$$

Задача S23.3.



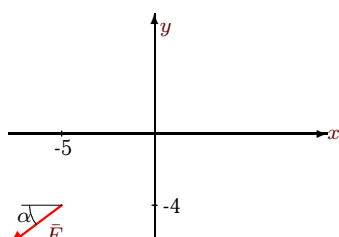
$$F = 15, \operatorname{tg} \alpha = 3/4$$

Задача S23.4.



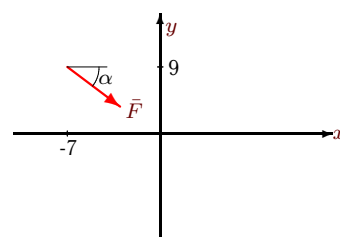
$$F = 5, \operatorname{tg} \alpha = 4/3$$

Задача S23.5.



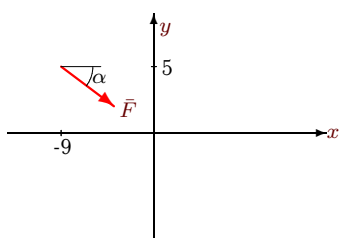
$$F = 15, \operatorname{tg} \alpha = 4/3$$

Задача S23.6.



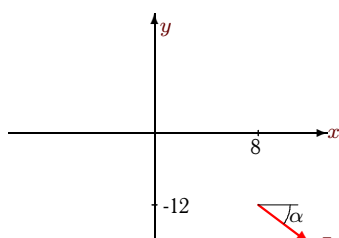
$$F = 10, \operatorname{tg} \alpha = 4/3$$

Задача S23.7.



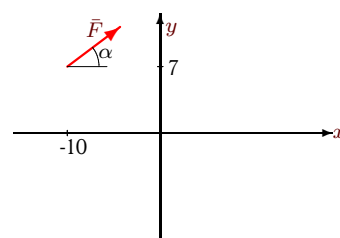
$$F = 20, \operatorname{tg} \alpha = 4/3$$

Задача S23.8.



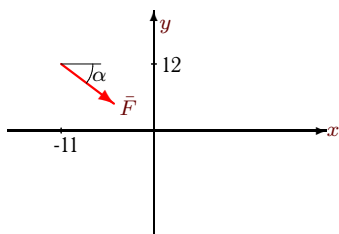
$$F = 15, \operatorname{tg} \alpha = 3/4$$

Задача S23.9.



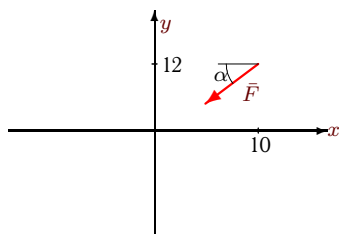
$$F = 20, \operatorname{tg} \alpha = 3/4$$

Задача S23.10.



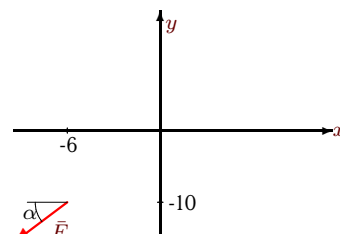
$$F = 15, \operatorname{tg} \alpha = 4/3$$

Задача S23.11.



$$F = 20, \operatorname{tg} \alpha = 4/3$$

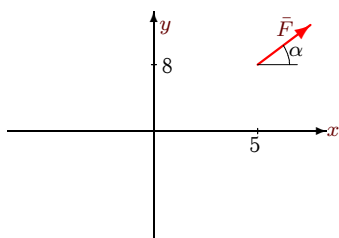
Задача S23.12.



$$F = 5, \operatorname{tg} \alpha = 4/3$$

Задача S23.13.

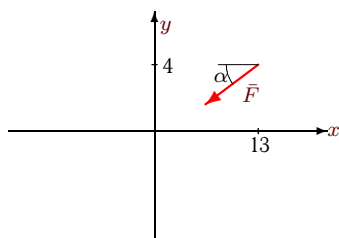
1



$$F = 15, \operatorname{tg} \alpha = 4/3$$

Задача S23.14.

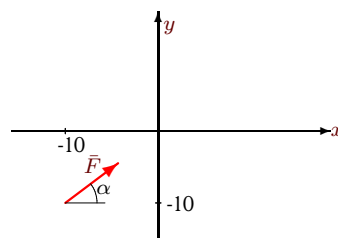
1



$$F = 10, \operatorname{tg} \alpha = 4/3$$

Задача S23.15.

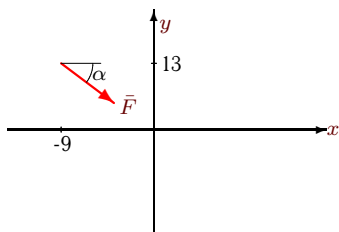
1



$$F = 10, \operatorname{tg} \alpha = 3/4$$

Задача S23.16.

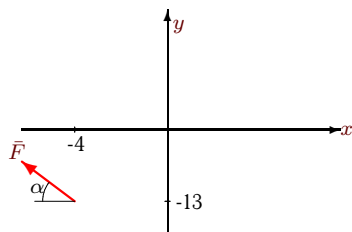
1



$$F = 5, \operatorname{tg} \alpha = 4/3$$

Задача S23.17.

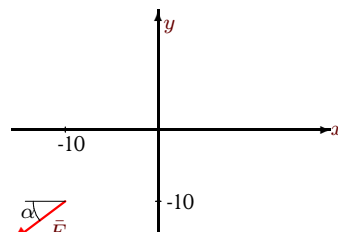
1



$$F = 10, \operatorname{tg} \alpha = 3/4$$

Задача S23.18.

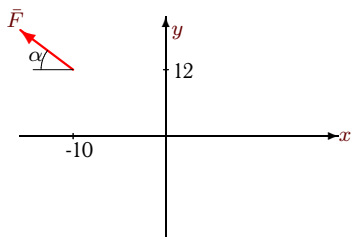
1



$$F = 20, \operatorname{tg} \alpha = 4/3$$

Задача S23.19.

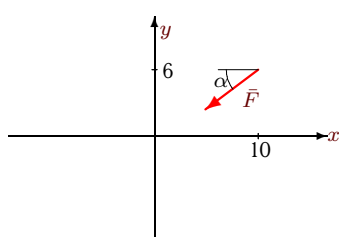
1



$$F = 20, \operatorname{tg} \alpha = 3/4$$

Задача S23.20.

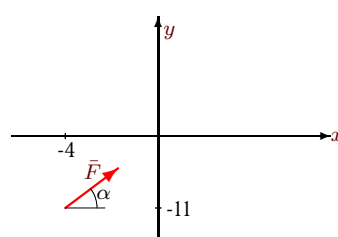
1



$$F = 10, \operatorname{tg} \alpha = 3/4$$

Задача S23.21.

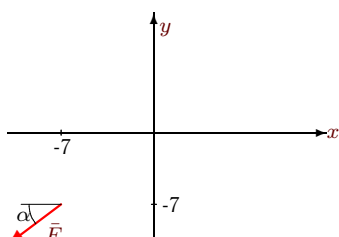
1



$$F = 20, \operatorname{tg} \alpha = 4/3$$

Задача S23.22.

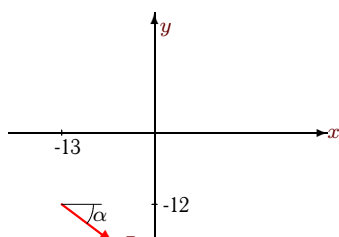
1



$$F = 20, \operatorname{tg} \alpha = 4/3$$

Задача S23.23.

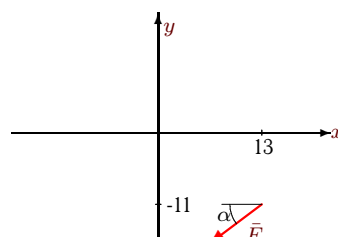
1



$$F = 20, \operatorname{tg} \alpha = 4/3$$

Задача S23.24.

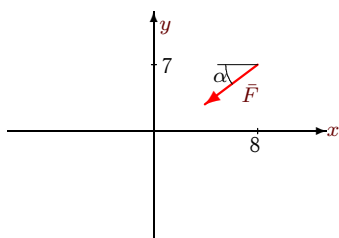
1



$$F = 20, \operatorname{tg} \alpha = 4/3$$

Задача S23.25.

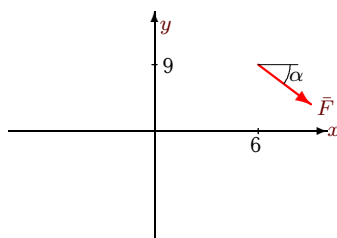
1



$$F = 5, \operatorname{tg} \alpha = 3/4$$

Задача S23.26.

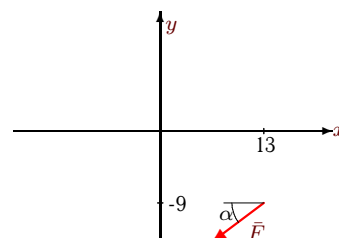
1



$$F = 20, \operatorname{tg} \alpha = 4/3$$

Задача S23.27.

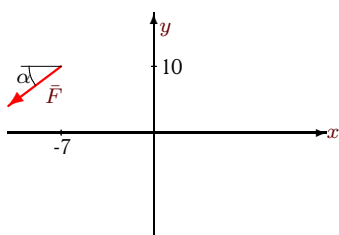
1



$$F = 15, \operatorname{tg} \alpha = 3/4$$

Задача S23.28.

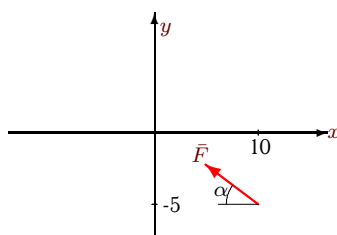
1



$$F = 5, \operatorname{tg} \alpha = 4/3$$

Задача S23.29.

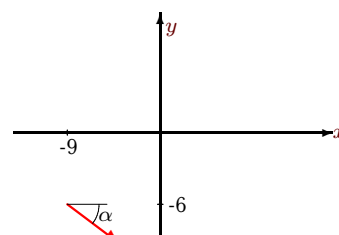
1



$$F = 5, \operatorname{tg} \alpha = 3/4$$

Задача S23.30.

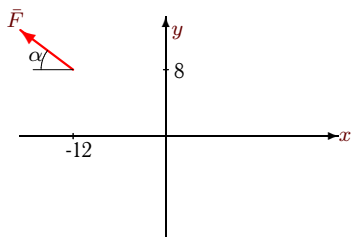
1



$$F = 5, \operatorname{tg} \alpha = 3/4$$

Задача S23.31.

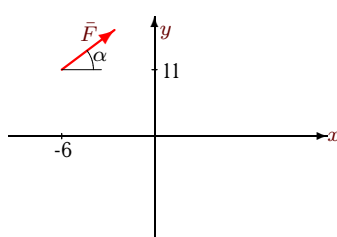
1



$$F = 20, \operatorname{tg} \alpha = 4/3$$

Задача S23.32.

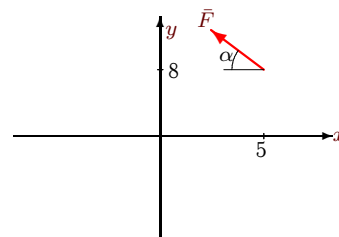
1



$$F = 5, \operatorname{tg} \alpha = 3/4$$

Задача S23.33.

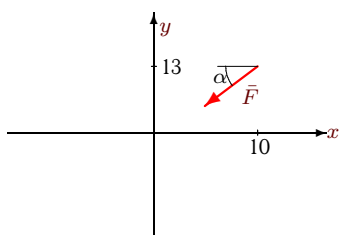
1



$$F = 15, \operatorname{tg} \alpha = 3/4$$

Задача S23.34.

1



$$F = 10, \operatorname{tg} \alpha = 4/3$$

№	$M(F_x)$	$M(F_y)$	$M(F)$
1	78	40	118
2	27	44	71
3	84	-36	48
4	33	36	69
5	-36	60	24
6	-54	56	2
7	-60	144	84
8	144	-72	72
9	-112	-120	-232
10	-108	132	24
11	144	-160	-16
12	-30	24	-6
13	-72	60	-12
14	24	-104	-80
15	80	-60	20
16	-39	36	-3
17	-104	-24	-128
18	-120	160	40
19	192	-120	72
20	48	-60	-12
21	132	-64	68
22	-84	112	28
23	144	208	352
24	-132	-208	-340
25	28	-24	4
26	-108	-96	-204
27	-108	-117	-225
28	30	28	58
29	-20	30	10
30	24	27	51
31	96	-192	-96
32	-44	-18	-62
33	96	45	141
34	78	-80	-2