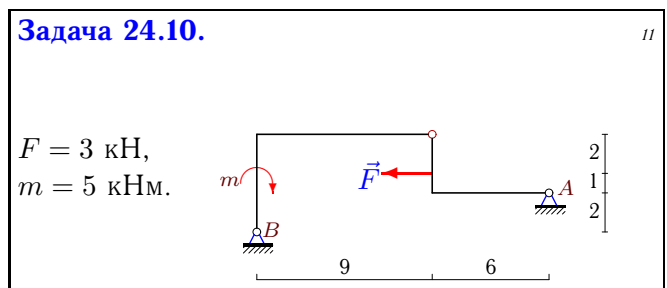
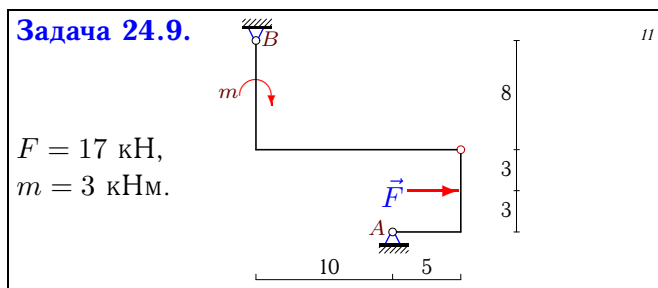
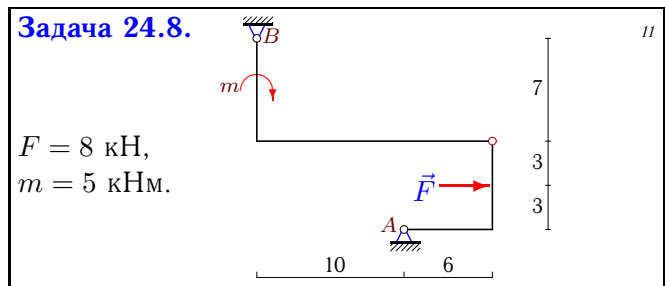
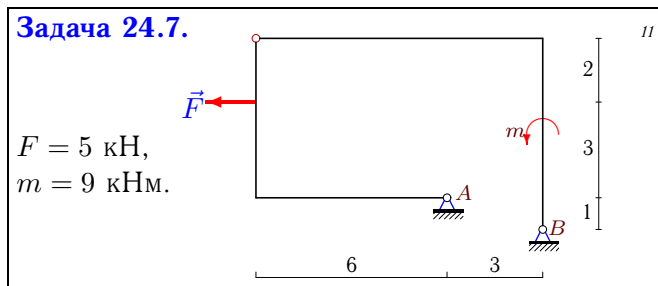
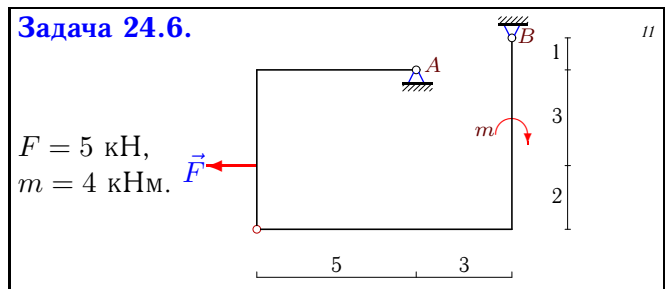
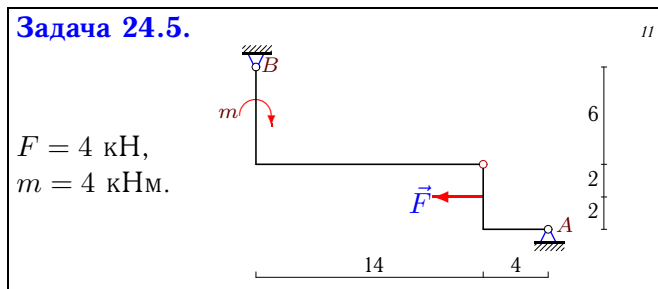
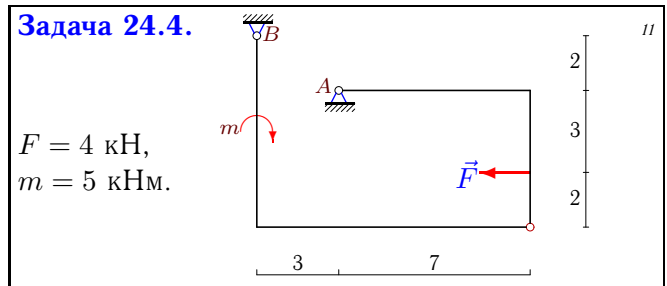
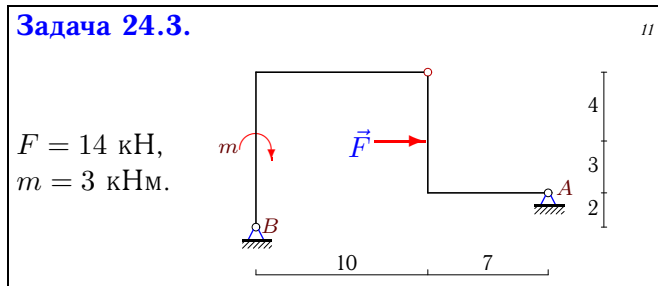
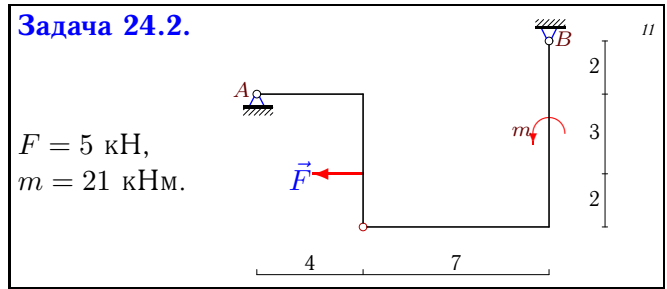
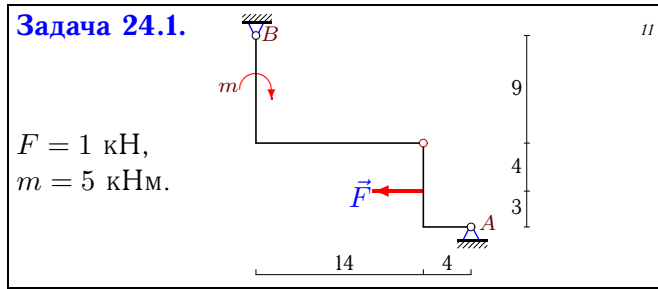


## Простая составная конструкция

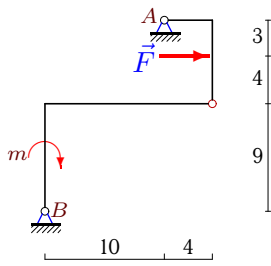
Определить реакции опор конструкции (в кН), состоящей из двух тел.

Кирсанов М.Н. **Решбник. Теоретическая механика**/Под ред. А. И. Кириллова.– М.:ФИЗМАТЛИТ, 2002.– 384 с. (с.67.)



**Задача 24.11.**

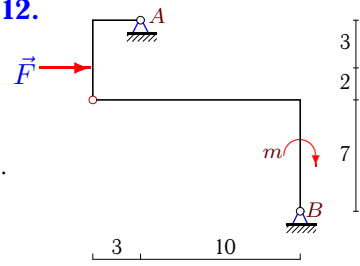
$F = 29$  кН,  
 $m = 3$  кНМ.



11

**Задача 24.12.**

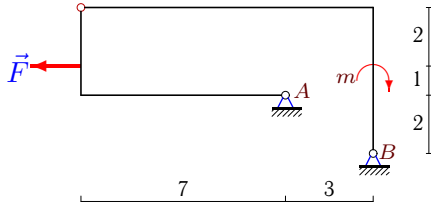
$F = 7$  кН,  
 $m = 5$  кНМ.



11

**Задача 24.13.**

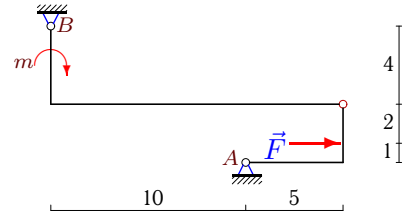
$F = 4$  кН,  
 $m = 5$  кНМ.



11

**Задача 24.14.**

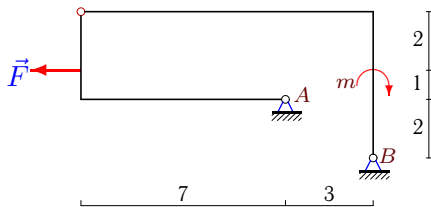
$F = 20$  кН,  
 $m = 5$  кНМ.



11

**Задача 24.15.**

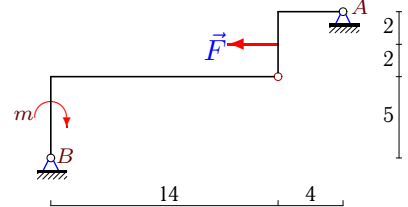
$F = 4$  кН,  
 $m = 5$  кНМ.



11

**Задача 24.16.**

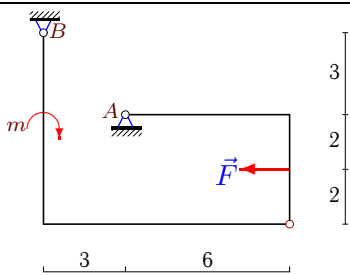
$F = 2$  кН,  
 $m = 5$  кНМ.



11

**Задача 24.17.**

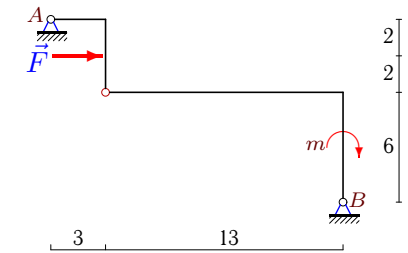
\*\* $F = 2$  кН,  
 $m = 5$  кНМ.



11

**Задача 24.18.**

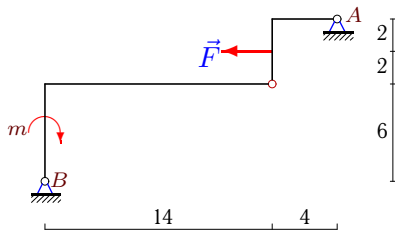
$F = 10$  кН,  
 $m = 4$  кНМ.



11

**Задача 24.19.**

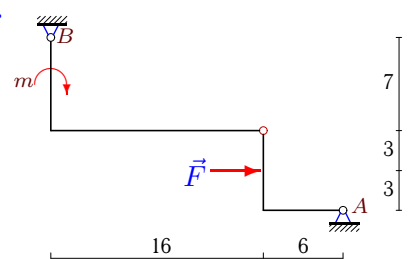
$F = 4$  кН,  
 $m = 4$  кНМ.



11

**Задача 24.20.**

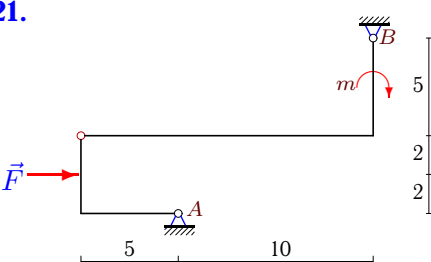
$F = 4$  кН,  
 $m = 5$  кНМ.



11

**Задача 24.21.**

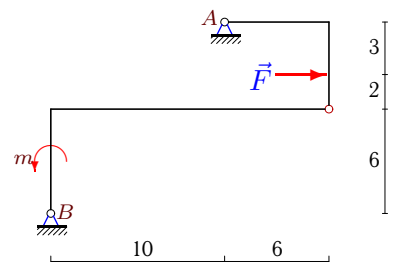
$F = 2$  кН,  
 $m = 5$  кНМ.



11

**Задача 24.22.**

$F = 7$  кН,  
 $m = 2$  кНМ.



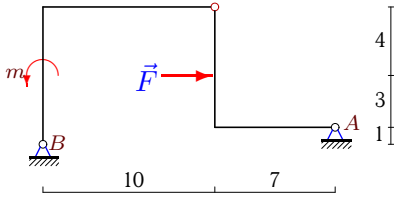
11

**Задача 24.23.**

11

$$F = 7 \text{ кН},$$

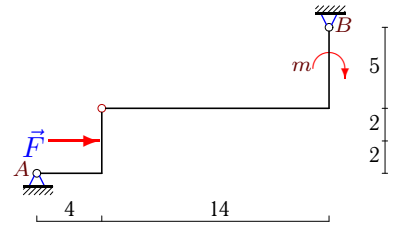
$$m = 6 \text{ кНМ}.$$

**Задача 24.24.**

11

$$F = 2 \text{ кН},$$

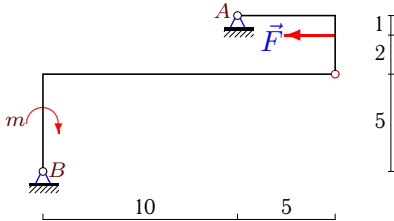
$$m = 5 \text{ кНМ}.$$

**Задача 24.25.**

11

$$F = 3 \text{ кН},$$

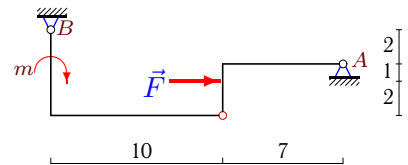
$$m = 5 \text{ кНМ}.$$

**Задача 24.26.**

11

$$F = 3 \text{ кН},$$

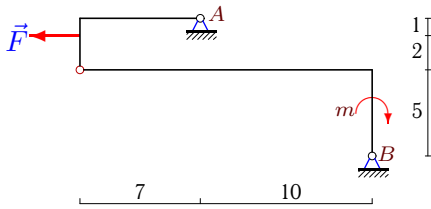
$$m = 5 \text{ кНМ}.$$

**Задача 24.27.**

11

$$F = 3 \text{ кН},$$

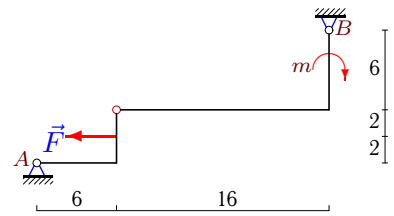
$$m = 5 \text{ кНМ}.$$

**Задача 24.28.**

11

$$F = 1 \text{ кН},$$

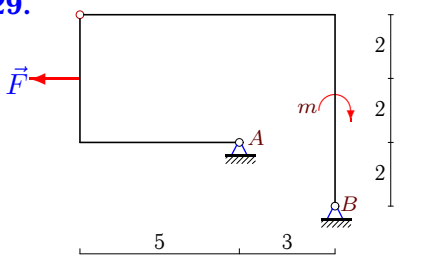
$$m = 4 \text{ кНМ}.$$

**Задача 24.29.**

11

$$F = 5 \text{ кН},$$

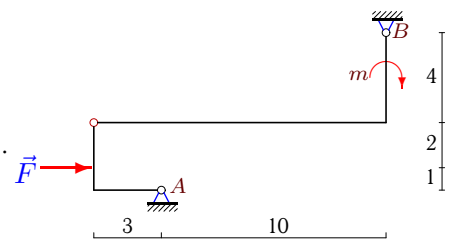
$$m = 4 \text{ кНМ}.$$

**Задача 24.30.**

11

$$F = 3 \text{ кН},$$

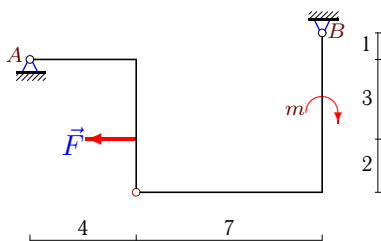
$$m = 4 \text{ кНМ}.$$

**Задача 24.31.**

11

$$F = 3 \text{ кН},$$

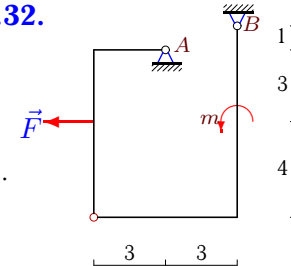
$$m = 1 \text{ кНМ}.$$

**Задача 24.32.**

11

$$F = 4 \text{ кН},$$

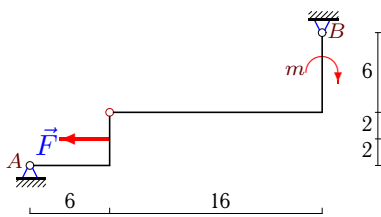
$$m = 6 \text{ кНМ}.$$

**Задача 24.33.**

11

$$F = 1 \text{ кН},$$

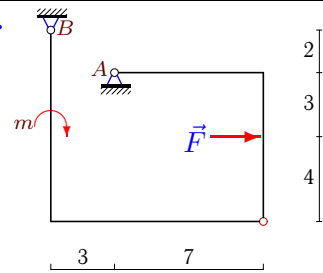
$$m = 4 \text{ кНМ}.$$

**Задача 24.34.**

11

$$F = 7 \text{ кН},$$

$$m = 5 \text{ кНМ}.$$



**Простая составная конструкция**

	$X_A$	$Y_A$	$X_B$	$Y_B$
1	0	1	1	-1
2	2	0	3	0
3	-11	3	-3	-3
4	-151	109	155	-109
5	0	2	4	-2
6	-9	-11	14	11
7	-16	15	21	-15
8	-5	-1	-3	1
9	-11	-3	-6	3
10	2	0	1	0
11	-20	6	-9	-6
12	-4	-2	-3	2
13	5	-1	-1	1
14	-15	-1	-5	1
15	5	-1	-1	1
16	1	0	1	0
17	13	-8	-11	8
18	-2	-4	-8	4
19	1	-1	3	1
20	-1	-1	-3	1
21	-1	0	-1	0
22	-4	1	-3	-1
23	-5	1	-2	-1
24	-1	0	-1	0
25	2	0	1	0
26	-2	0	-1	0
27	2	0	1	0
28	-1	-1	2	1
29	-25	22	30	-22
30	-2	0	-1	0
31	2	-1	1	1
32	1	-3	3	3
33	-1	-1	2	1
34	18	-22	-25	22