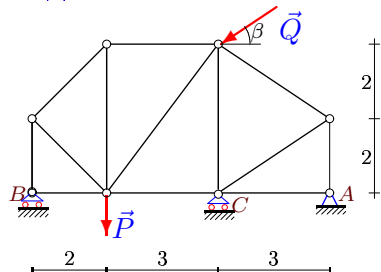


Расчет статически неопределимой фермы

Найти реакции опор фермы.

Задача М8.1.

Акалаев Эмран



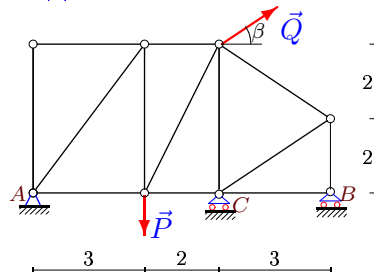
$$P = 5 \text{ кН},$$

$$Q = 9 \text{ кН},$$

$$\beta = 30^\circ.$$

Задача М8.2.

Бровка Татьяна



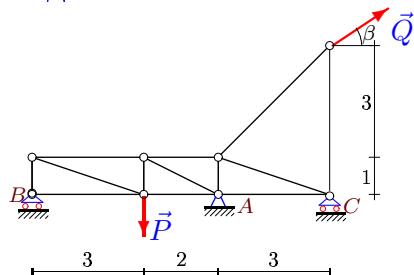
$$P = 5 \text{ кН},$$

$$Q = 9 \text{ кН},$$

$$\beta = 30^\circ.$$

Задача М8.3.

Бутняков Марк



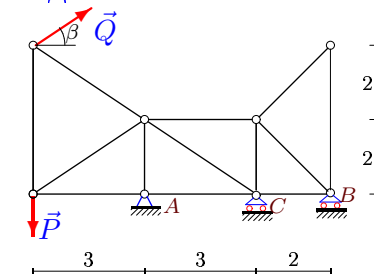
$$P = 6 \text{ кН},$$

$$Q = 5 \text{ кН},$$

$$\beta = 45^\circ.$$

Задача М8.4.

Васильева Наталья



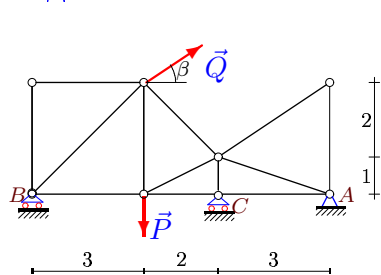
$$P = 7 \text{ кН},$$

$$Q = 8 \text{ кН},$$

$$\beta = 30^\circ.$$

Задача М8.5.

Величко Валерия



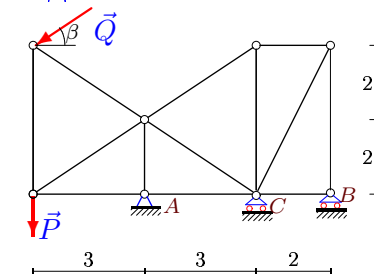
$$P = 7 \text{ кН},$$

$$Q = 4 \text{ кН},$$

$$\beta = 30^\circ.$$

Задача М8.6.

Глухов Олег



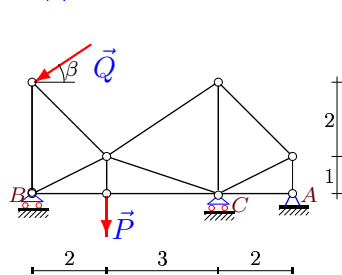
$$P = 8 \text{ кН},$$

$$Q = 4 \text{ кН},$$

$$\beta = 15^\circ.$$

Задача М8.7.

Гуцин Алексей



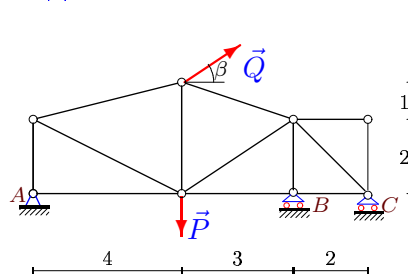
$$P = 10 \text{ кН},$$

$$Q = 6 \text{ кН},$$

$$\beta = 15^\circ.$$

Задача М8.8.

Зеленецкий Кирилл



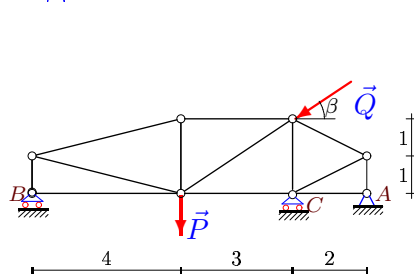
$$P = 10 \text{ кН},$$

$$Q = 5 \text{ кН},$$

$$\beta = 15^\circ.$$

Задача М8.9.

Зинин Иван



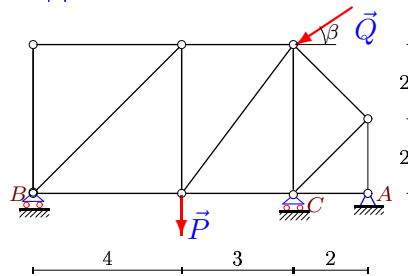
$$P = 9 \text{ кН},$$

$$Q = 5 \text{ кН},$$

$$\beta = 45^\circ.$$

Задача М8.10.

Иванова Анна



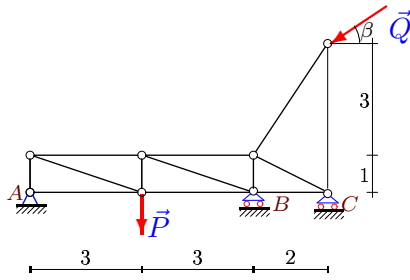
$$P = 11 \text{ кН},$$

$$Q = 4 \text{ кН},$$

$$\beta = 30^\circ.$$

Задача M8.11.

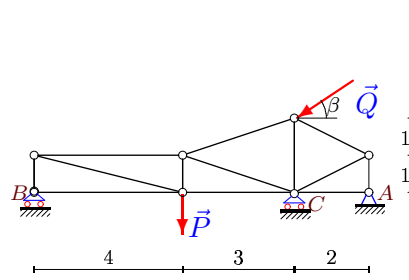
Кухарук Екатерина



$P = 12 \text{ кН},$
 $Q = 7 \text{ кН},$
 $\beta = 45^\circ.$

Задача M8.12.

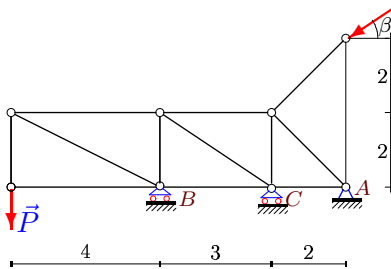
Лобус Александр



$P = 12 \text{ кН},$
 $Q = 8 \text{ кН},$
 $\beta = 45^\circ.$

Задача M8.13.

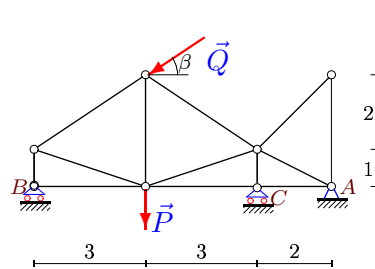
Лутченкова Екатерина



$P = 9 \text{ кН},$
 $Q = 5 \text{ кН},$
 $\beta = 30^\circ.$

Задача M8.14.

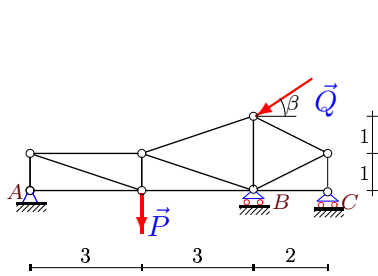
Лысенко Наталья



$P = 6 \text{ кН},$
 $Q = 5 \text{ кН},$
 $\beta = 30^\circ.$

Задача M8.15.

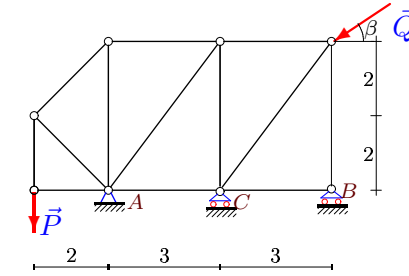
Маругина Ксения



$P = 12 \text{ кН},$
 $Q = 4 \text{ кН},$
 $\beta = 45^\circ.$

Задача M8.16.

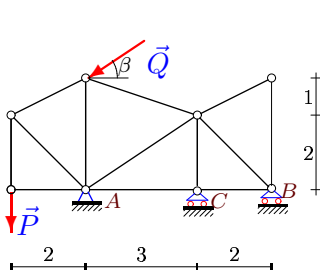
Мишонкова Ксения



$P = 6 \text{ кН},$
 $Q = 5 \text{ кН},$
 $\beta = 30^\circ.$

Задача M8.17.

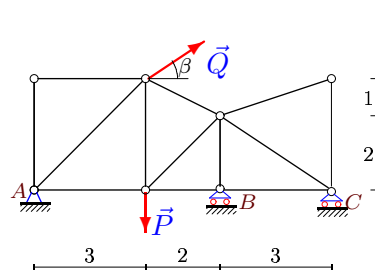
Новиков Семён



$P = 7 \text{ кН},$
 $Q = 8 \text{ кН},$
 $\beta = 15^\circ.$

Задача M8.18.

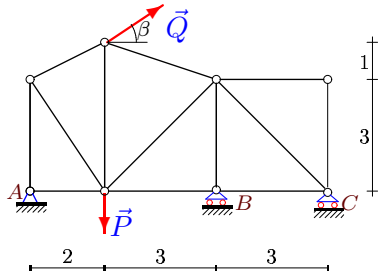
Озик Дарья



$P = 6 \text{ кН},$
 $Q = 7 \text{ кН},$
 $\beta = 45^\circ.$

Задача M8.19.

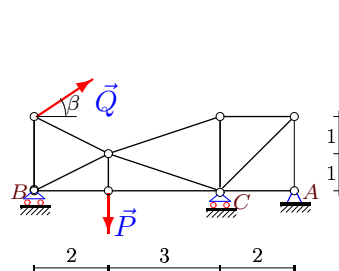
Особов Алексей



$P = 13 \text{ кН},$
 $Q = 4 \text{ кН},$
 $\beta = 30^\circ.$

Задача M8.20.

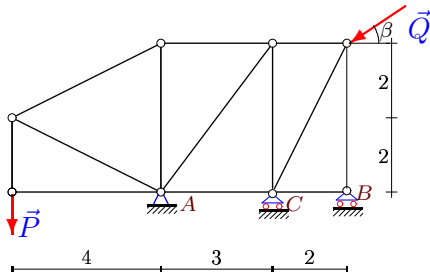
Панченков Роман



$P = 7 \text{ кН},$
 $Q = 3 \text{ кН},$
 $\beta = 15^\circ.$

Задача M8.21.

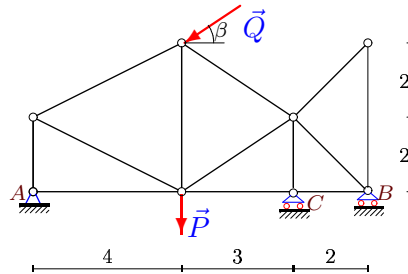
Писоцкая Наталья



$P = 7 \text{ кН},$
 $Q = 3 \text{ кН},$
 $\beta = 30^\circ.$

Задача M8.22.

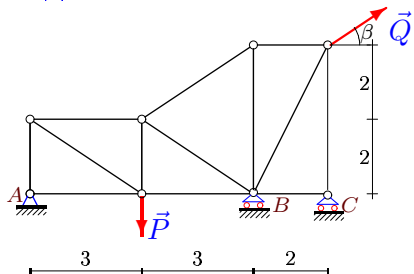
Самсонов Евгений



$P = 6 \text{ кН},$
 $Q = 5 \text{ кН},$
 $\beta = 15^\circ.$

Задача M8.23.

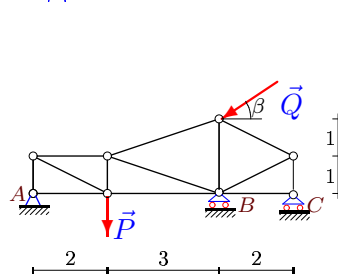
Скворцова Светлана



$P = 9 \text{ кН},$
 $Q = 4 \text{ кН},$
 $\beta = 15^\circ.$

Задача M8.24.

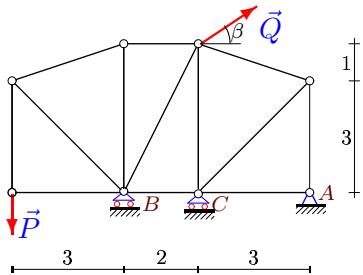
Стамболян Станислав



$P = 10 \text{ кН},$
 $Q = 4 \text{ кН},$
 $\beta = 45^\circ.$

Задача M8.25.

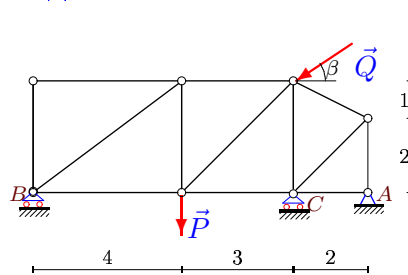
Ткачук Георгий



$P = 12 \text{ кН},$
 $Q = 9 \text{ кН},$
 $\beta = 30^\circ.$

Задача M8.26.

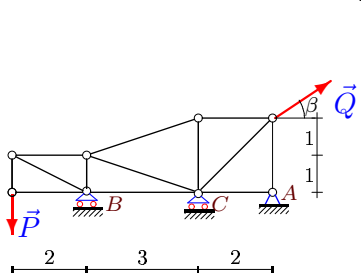
Трифонов Илья



$P = 13 \text{ кН},$
 $Q = 4 \text{ кН},$
 $\beta = 45^\circ.$

Задача M8.27.

Щербакова Анастасия



$P = 11 \text{ кН},$
 $Q = 6 \text{ кН},$
 $\beta = 45^\circ.$