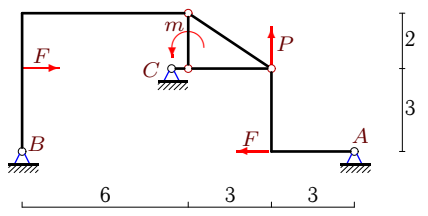
# Составная конструкция из трех тел

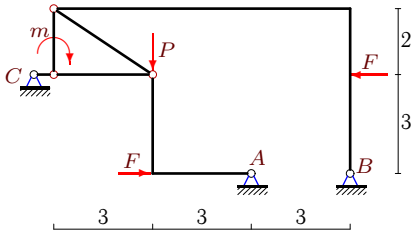
Найти реакции опор составной конструкции. Размеры даны в метрах.

**Задача 25.1.**



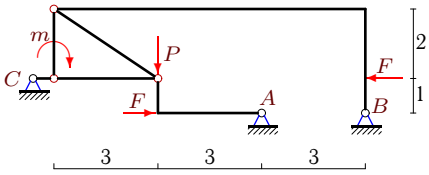

$m = 81$ кНм,
$F = 9$ кН,
$P = 27$ кН.

**Задача 25.2.**



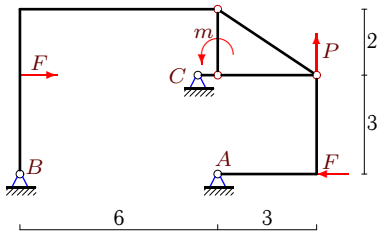

$m = 3$ кНм,
$F = 1$ кН,
$P = 3$ кН.

**Задача 25.3.**



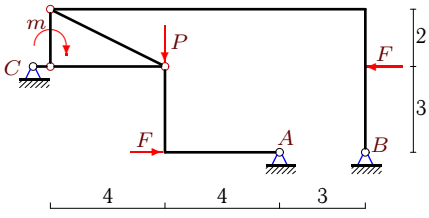

$m = 18$ кНм,
$F = 9$ кН,
$P = 9$ кН.

**Задача 25.4.**



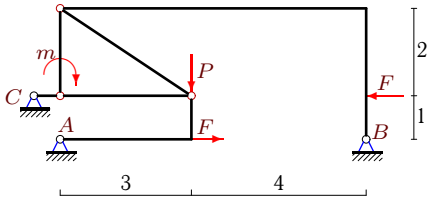

$m = 9$ кНм,
$F = 3$ кН,
$P = 9$ кН.

**Задача 25.5.**



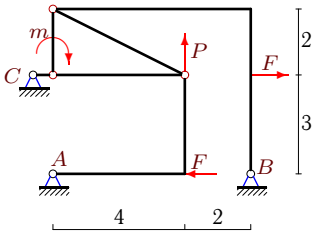

$m = 18$ кНм,
$F = 2$ кН,
$P = 6$ кН.

**Задача 25.6.**



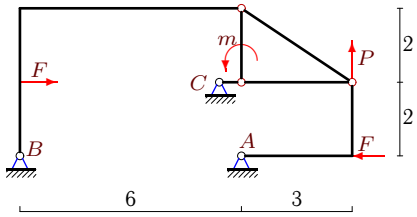

$m = 5$ кНм,
$F = 5$ кН,
$P = 5$ кН.

**Задача 25.7.**



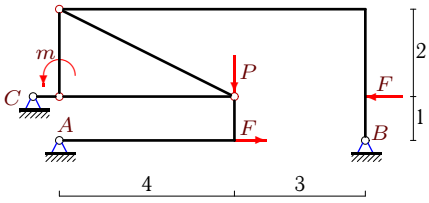

$m = 24$ кНм,
$F = 8$ кН,
$P = 24$ кН.

**Задача 25.8.**



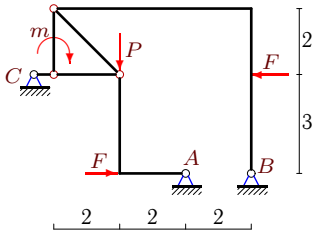

$m = 24$ кНм,
$F = 12$ кН,
$P = 24$ кН.

**Задача 25.9.**



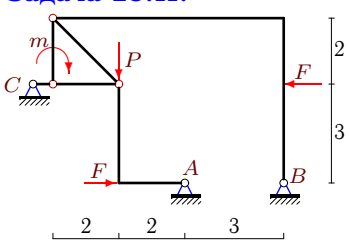

$m = 2$ кНм,
$F = 1$ кН,
$P = 1$ кН.

**Задача 25.10.**



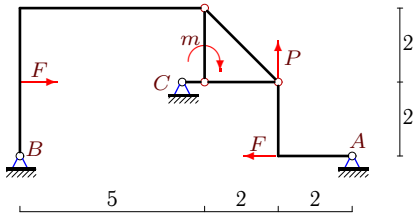

$m = 6$ кНм,
$F = 2$ кН,
$P = 6$ кН.

**Задача 25.11.**



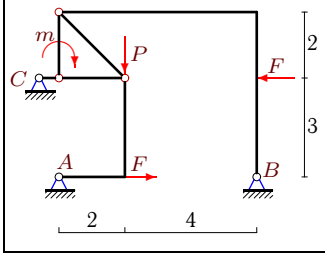

$m = 6$ кНм,
$F = 1$ кН,
$P = 3$ кН.

**Задача 25.12.**



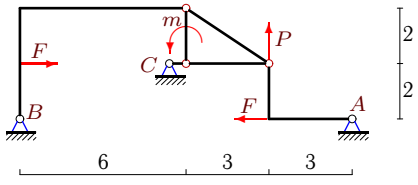

$m = 6$ кНм,
$F = 3$ кН,
$P = 6$ кН.

**Задача 25.13.**



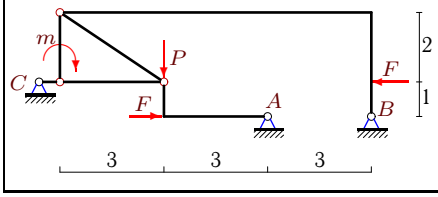

$m = 6$ кНм,
$F = 2$ кН,
$P = 6$ кН.

**Задача 25.14.**



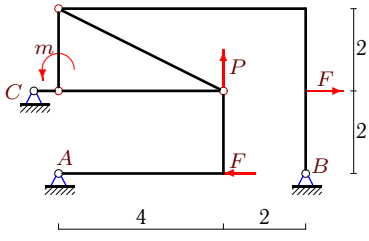

$m = 16$ кНм,
$F = 4$ кН,
$P = 8$ кН.

**Задача 25.15.**



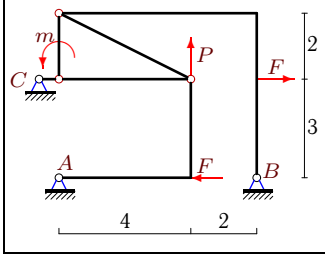

$m = 18$ кНм,
$F = 9$ кН,
$P = 9$ кН.

**Задача 25.16.**



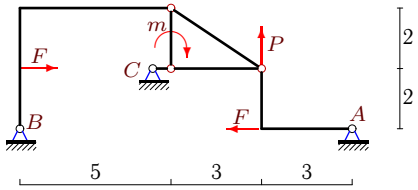

$m = 6$ кНм,
$F = 1$ кН,
$P = 2$ кН.

**Задача 25.17.**



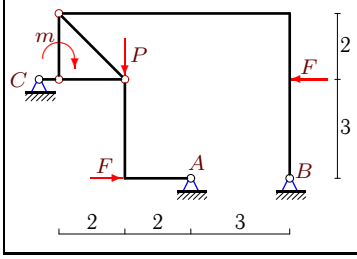

$m = 72$ кНм,
$F = 8$ кН,
$P = 24$ кН.

**Задача 25.18.**



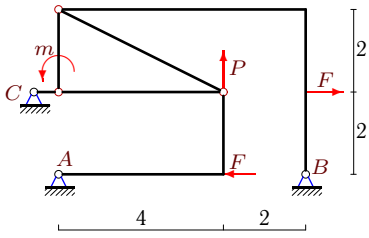

$m = 22$ кНм,
$F = 11$ кН,
$P = 22$ кН.

**Задача 25.19.**



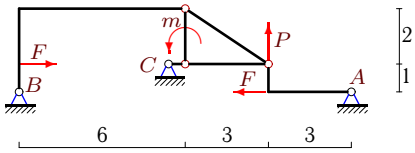

$m = 12$ кНм,
$F = 4$ кН,
$P = 12$ кН.

**Задача 25.20.**



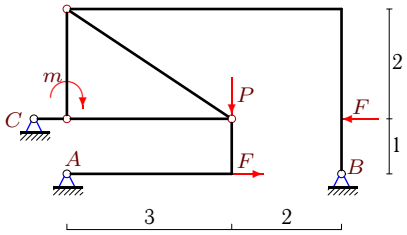

$m = 2$ кНм,
$F = 1$ кН,
$P = 2$ кН.

**Задача 25.21.**



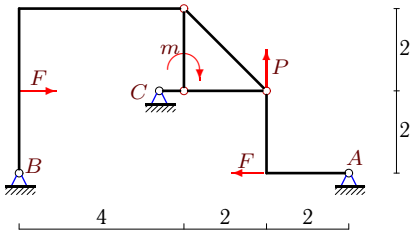

$m = 21$ кНм,
$F = 21$ кН,
$P = 21$ кН.

**Задача 25.22.**



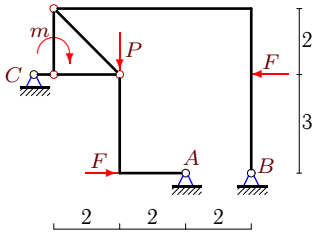

$m = 2$ кНм,
$F = 1$ кН,
$P = 1$ кН.

**Задача 25.23.**



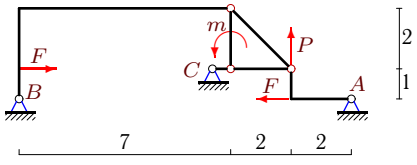

$m = 16$ кНм,
$F = 4$ кН,
$P = 8$ кН.

**Задача 25.24.**



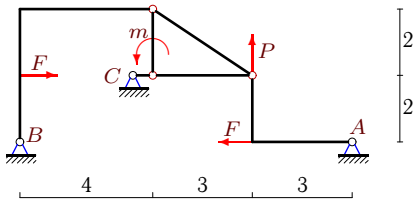

$m = 6$ кНм,
$F = 2$ кН,
$P = 6$ кН.

**Задача 25.25.**



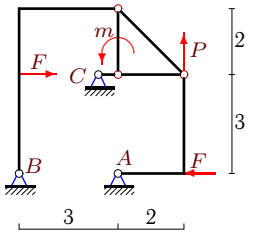

$m = 20$ кНм,
$F = 20$ кН,
$P = 20$ кН.

**Задача 25.26.**



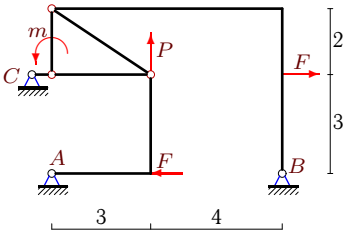

$m = 20$ кНм,
$F = 10$ кН,
$P = 20$ кН.

**Задача 25.27.**



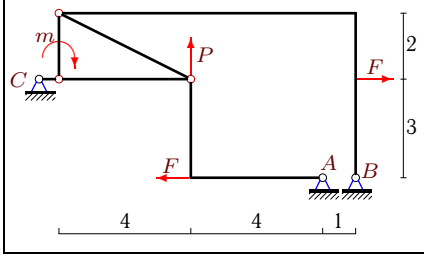

$m = 12$ кНм,
$F = 2$ кН,
$P = 6$ кН.

**Задача 25.28.**



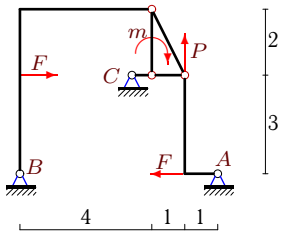

$m = 9$ кНм,
$F = 1$ кН,
$P = 3$ кН.

**Задача 25.29.**



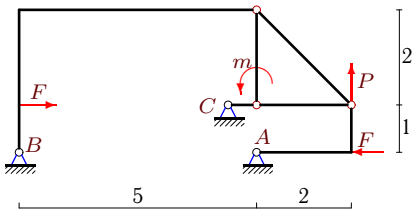

$m = 6$ кНм,
$F = 2$ кН,
$P = 6$ кН.

**Задача 25.30.**



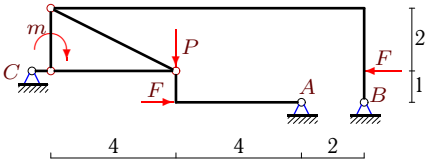

$m = 39$ кНм,
$F = 13$ кН,
$P = 39$ кН.

**Задача 25.31.**



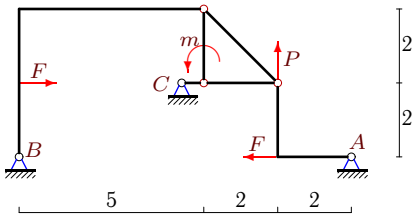

$m = 16$ кНм,
$F = 16$ кН,
$P = 16$ кН.

**Задача 25.32.**



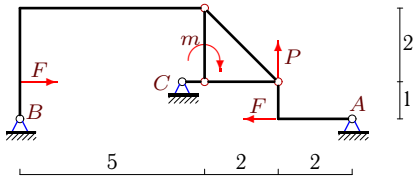

$m = 24$ кНм,
$F = 8$ кН,
$P = 8$ кН.

**Задача 25.33.**




$m = 18$ кНм,
$F = 9$ кН,
$P = 18$ кН.

**Задача 25.34.**




$m = 16$ кНм,
$F = 16$ кН,
$P = 16$ кН.

25.1

# Составная конструкция из трех тел

| № | $X_A$ | $Y_A$ | $X_B$ | $Y_B$ | $X_C$ |
|---|---|---|---|---|---|
| 1 | 49 | -40 | 12 | 13 | -61 |
| 2 | -1 | 0 | -5 | 3 | 6 |
| 3 | -24 | 5 | -6 | 4 | 30 |
| 4 | -7 | -10 | 0 | 1 | 7 |
| 5 | 42 | -33 | -85 | 39 | 43 |
| 6 | 7 | 4 | 1 | 1 | -8 |
| 7 | 4 | -3 | 22 | -21 | -26 |
| 8 | -27 | -26 | -3 | 2 | 30 |
| 9 | 19 | 5 | 10 | -4 | -29 |
| 10 | 0 | -3 | -10 | 9 | 10 |
| 11 | 1 | -3 | -8 | 6 | 7 |
| 12 | 7 | -4 | -4 | -2 | -3 |
| 13 | -4 | -3 | -10 | 9 | 14 |
| 14 | 19 | -10 | 1 | 2 | -20 |
| 15 | -24 | 5 | -6 | 4 | 30 |
| 16 | -13 | -7 | -8 | 5 | 21 |
| 17 | -76 | -63 | -50 | 39 | 126 |
| 18 | 35 | -16 | -13 | -6 | -22 |
| 19 | -6 | 3 | -11 | 9 | 17 |
| 20 | -5 | -3 | -2 | 1 | 7 |
| 21 | 87 | -22 | -12 | 1 | -75 |
| 22 | -10 | -3 | -6 | 4 | 16 |
| 23 | 7 | -3 | -7 | -5 | 0 |
| 24 | 0 | -3 | -10 | 9 | 10 |
| 25 | 62 | -21 | -11 | 1 | -51 |
| 26 | 43 | -22 | -3 | 2 | -40 |
| 27 | -4 | -9 | 1 | 3 | 3 |
| 28 | -41 | -42 | -55 | 39 | 96 |
| 29 | -18 | 15 | 37 | -21 | -19 |
| 30 | 19 | -18 | -22 | -21 | 3 |
| 31 | -18 | -17 | -9 | 1 | 27 |
| 32 | -12 | 1 | -18 | 7 | 30 |
| 33 | 29 | -20 | -2 | 2 | -27 |
| 34 | 38 | -11 | -19 | -5 | -19 |