ClassName: **Class_01.2bp-40**
BinSize: **10 × 10**
ReduceSize: **10 × 10**
TypeNum: **64**
Num: **100**
OutS: **2800**
InS: **2733**
Rate: **0.976**
UB: **28**
LB0: **28**
LB: **28**
LBWithCut: **28**
NodeCut: **0**
ExtendedNodeCnt: **1**
GenNodeCnt: **1**
PrimalNode: **0**
ColumnCount: **28**
TotalCutCount: **0**
RootCutCount: **0**
LPSolverCnt: **1**
PricingSolverCnt: **0**
BranchAndBoundNum: **1**
isOpt: **true**
TimeOnInitSolution: **0.150 s**
TimeOnPrimal: **0.000 s**
TimeOnPricing: **0.000 s**
TimeOnRmp: **0.078 s**
TotalTime: **0.290 s**

10x10

w =10 , h =10 , x =0 , y =0 , v =100

10x10

w =10 , h =10 , x =0 , y =0 , v =100

| 2x1 | | 7x1 |
|-----|---|-----|
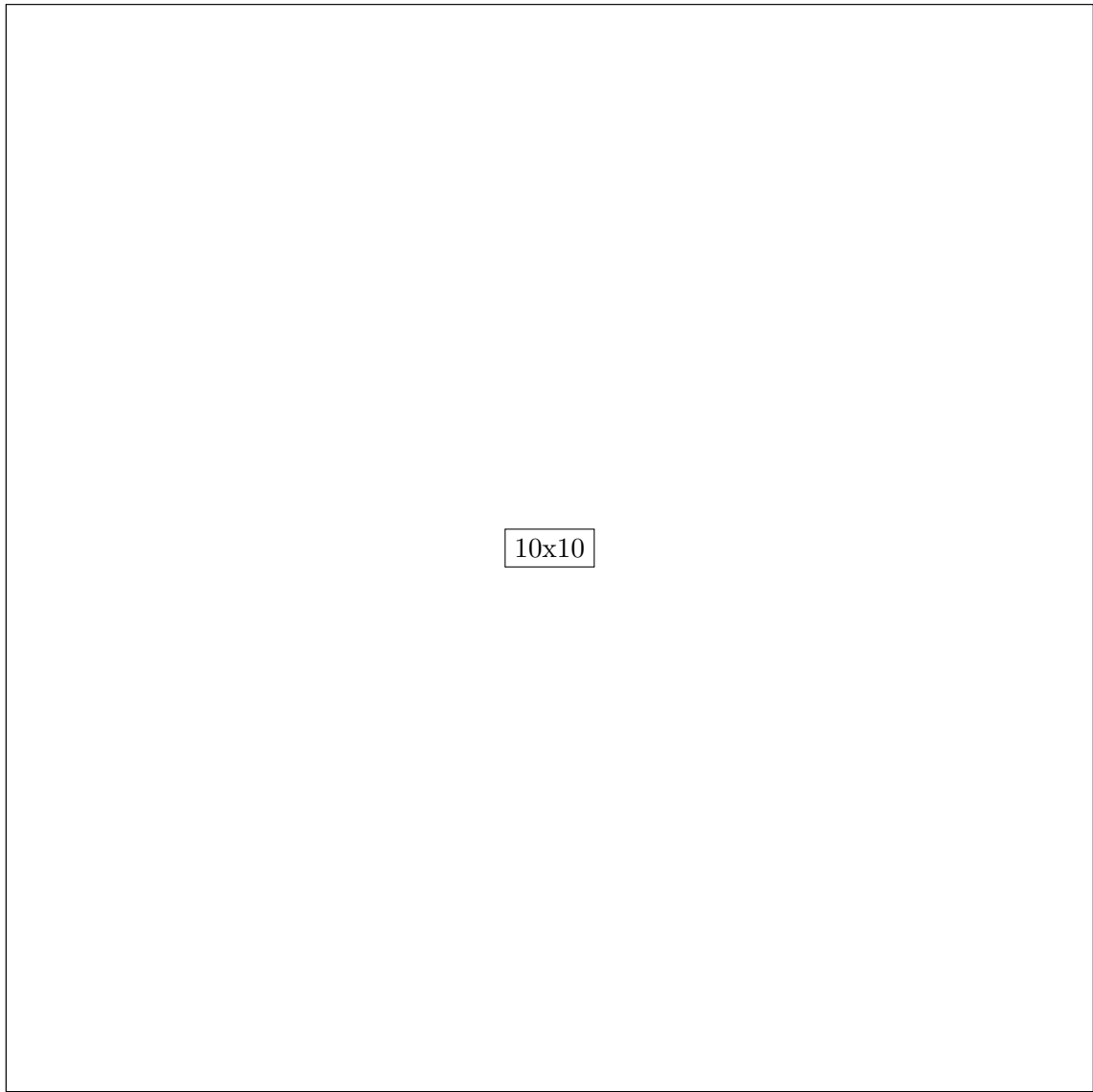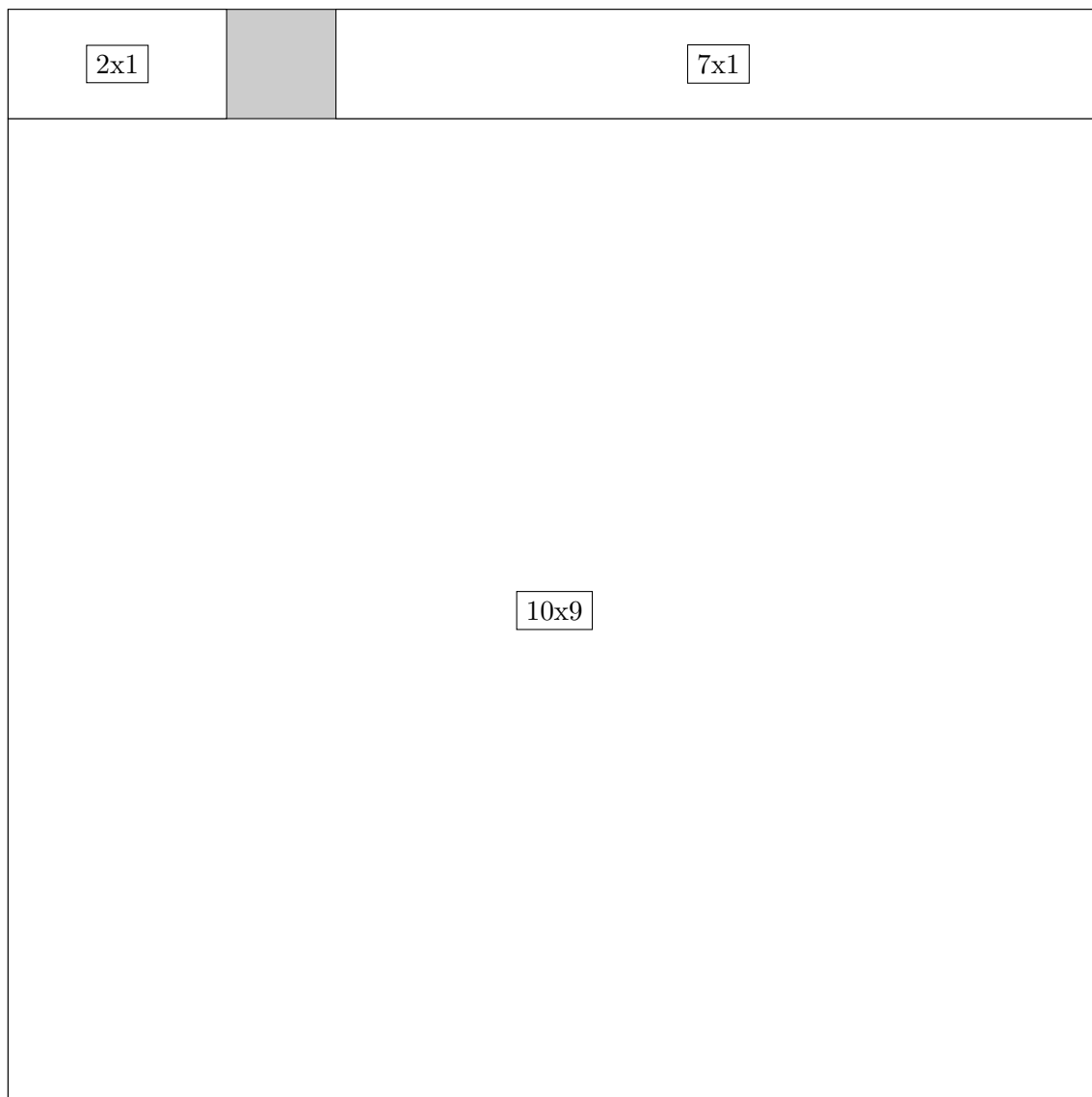
10x9

w =10 , h =9 , x =0 , y =0 , v =90
w =7 , h =1 , x =3 , y =9 , v =7
w =2 , h =1 , x =0 , y =9 , v =2
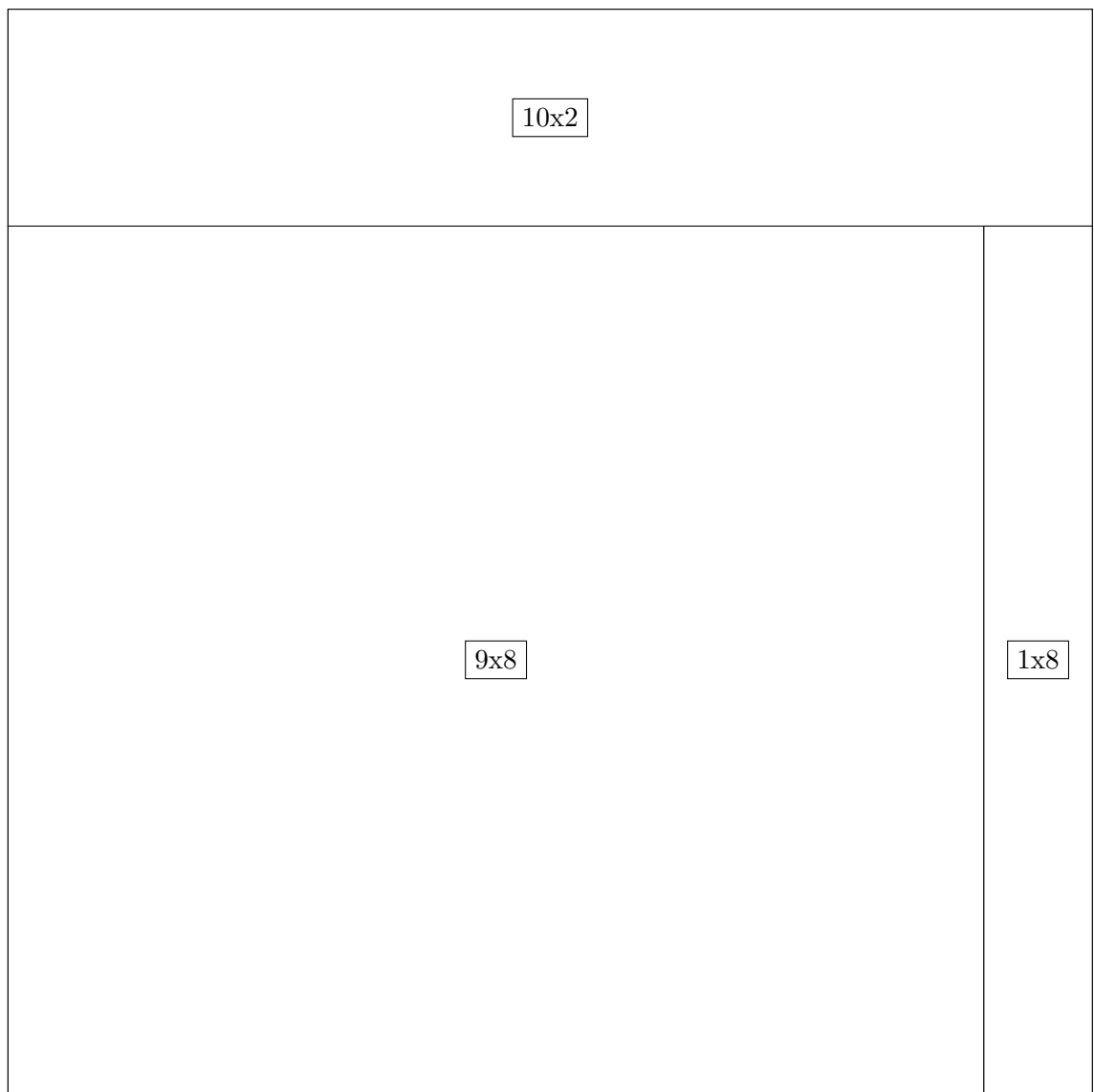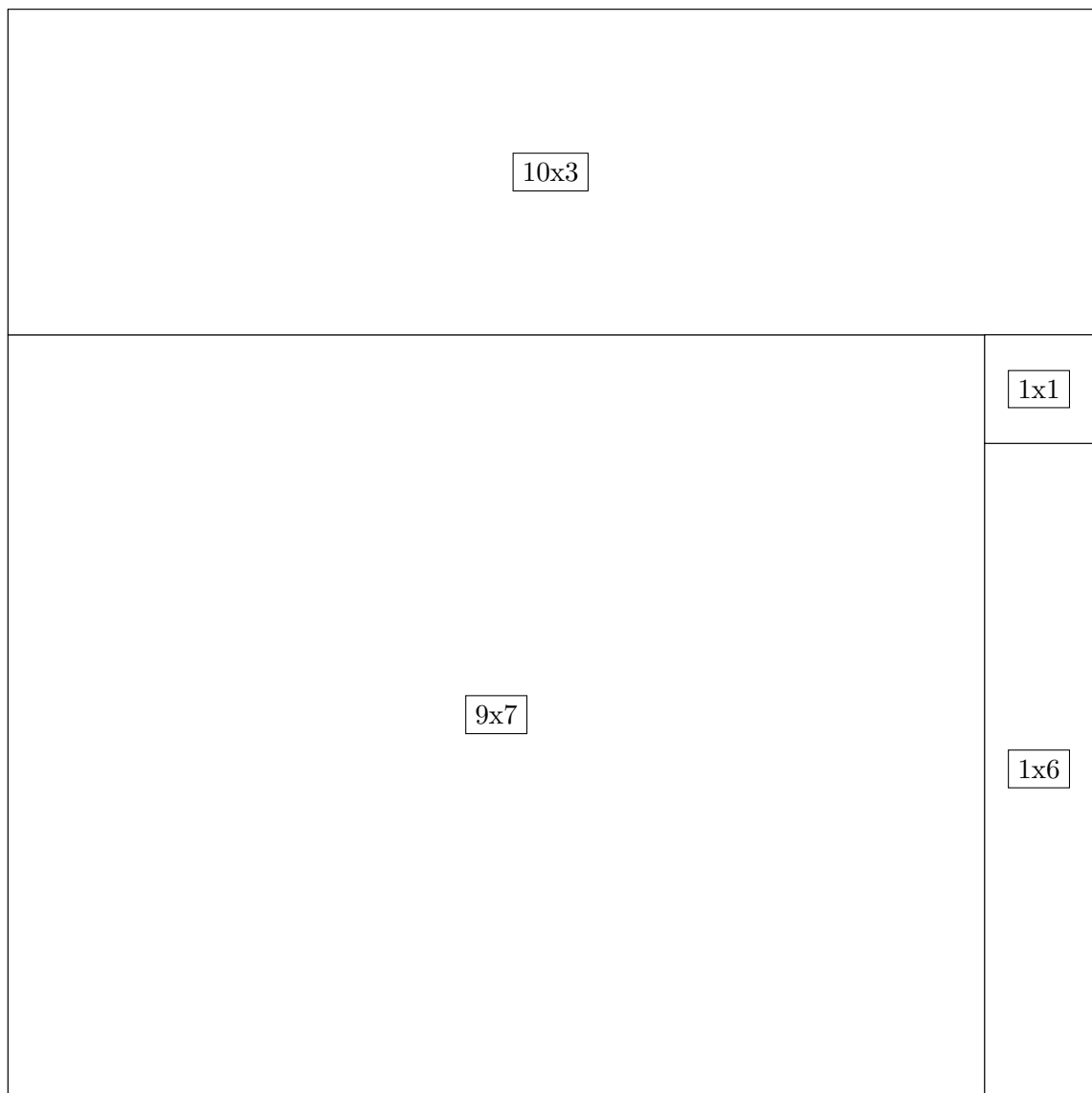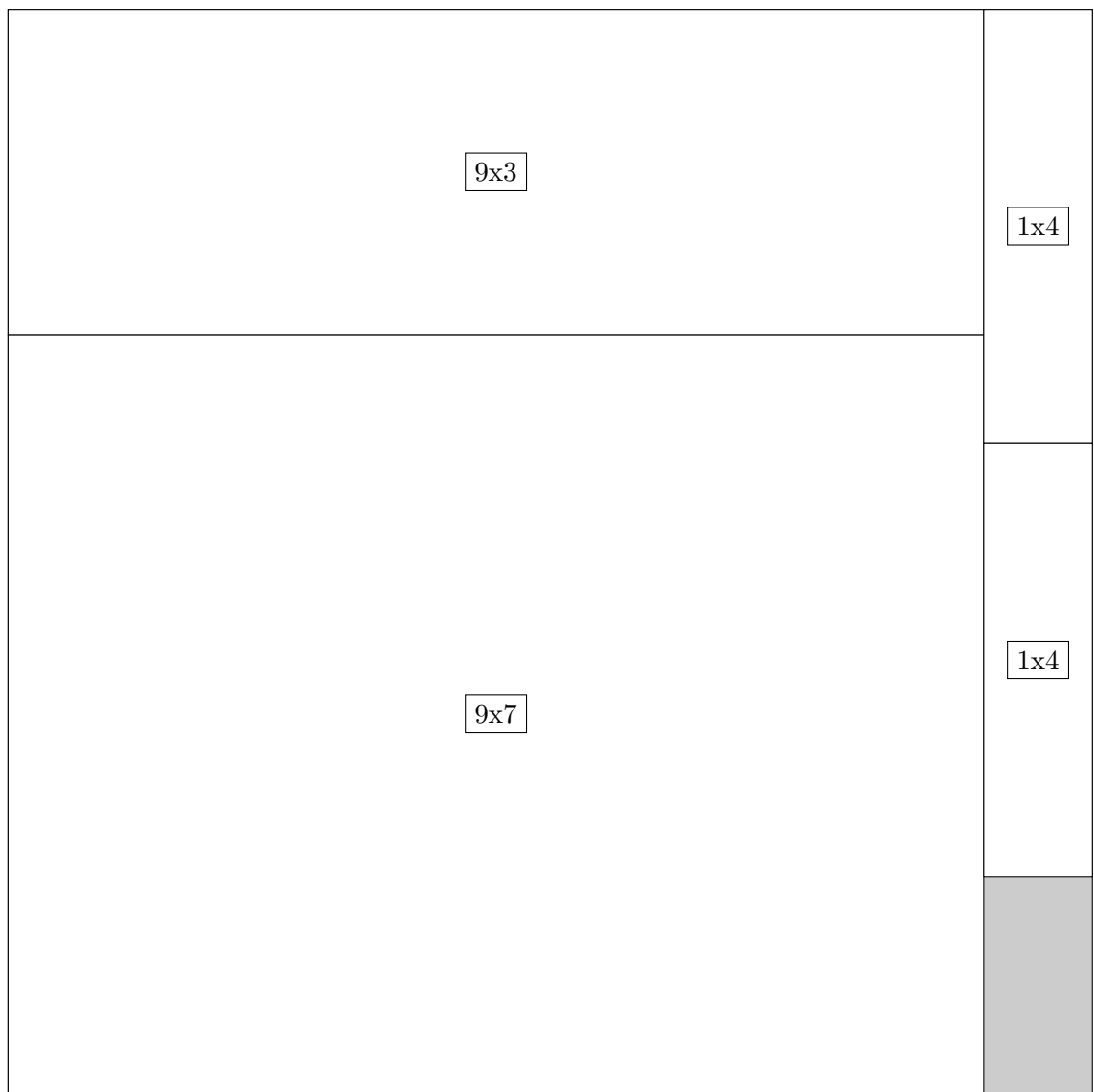
| | 7x1 | |
|---|---|---|
| | 9x9 | 1x10 |

w =9 , h =9 , x =0 , y =0 , v =81
w =1 , h =10 , x =9 , y =0 , v =10
w =7 , h =1 , x =2 , y =9 , v =7

10x2

9x8

1x8

w =9 , h =8 , x =0 , y =0 , v =72
w =10 , h =2 , x =0 , y =8 , v =20
w =1 , h =8 , x =9 , y =0 , v =8

10x3

1x1

9x7

1x6

w =9 , h =7 , x =0 , y =0 , v =63
w =10 , h =3 , x =0 , y =7 , v =30
w =1 , h =6 , x =9 , y =0 , v =6
w =1 , h =1 , x =9 , y =6 , v =1

9x3

1x4

1x4

9x7

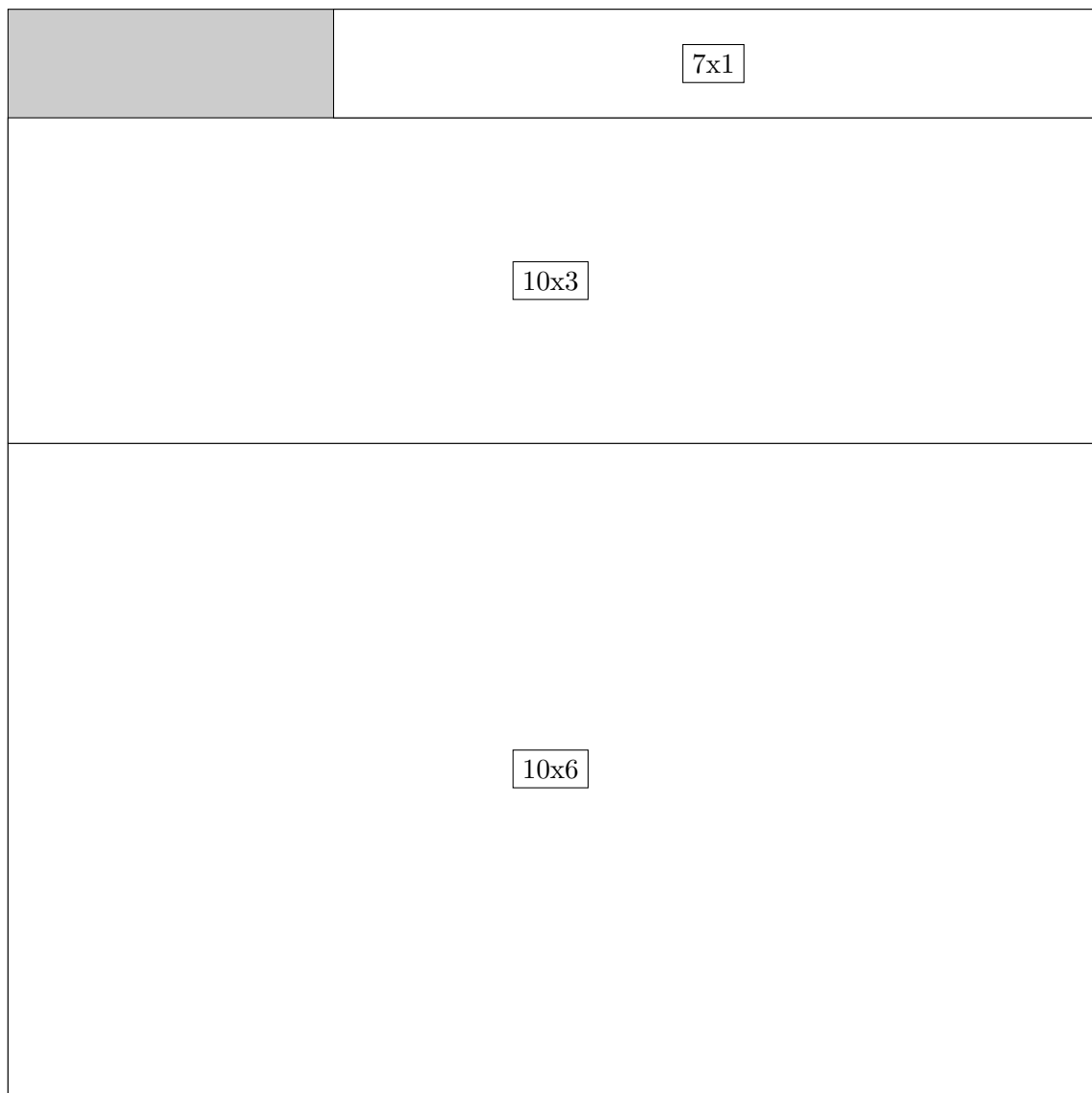w =9 , h =7 , x =0 , y =0 , v =63
w =9 , h =3 , x =0 , y =7 , v =27
w =1 , h =4 , x =9 , y =6 , v =4
w =1 , h =4 , x =9 , y =2 , v =4

10x4

10x6
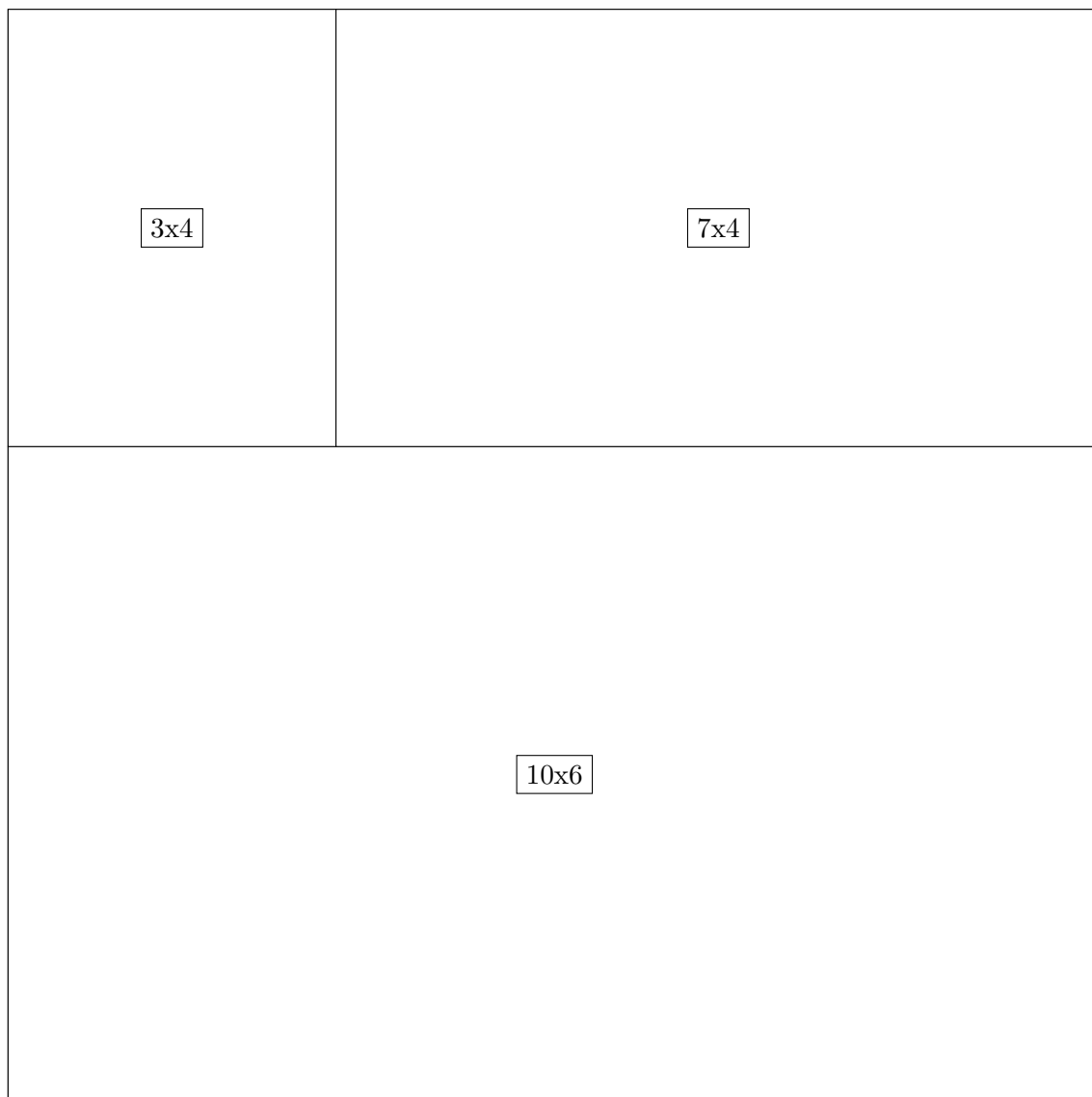
w =10 , h =6 , x =0 , y =0 , v =60
w =10 , h =4 , x =0 , y =6 , v =40

| | 7x1 |
|---|---|
| | 10x3 |
| | 10x6 |

w =10 , h =6 , x =0 , y =0 , v =60
w =10 , h =3 , x =0 , y =6 , v =30
w =7 , h =1 , x =3 , y =9 , v =7

```
┌──────────┬────────────────────────────┐
│          │                            │
│          │                            │
│   3x4    │            7x4             │
│          │                            │
│          │                            │
├──────────┴────────────────────────────┤
│                                        │
│                                        │
│                                        │
│                  10x6                  │
│                                        │
│                                        │
│                                        │
└────────────────────────────────────────┘
```
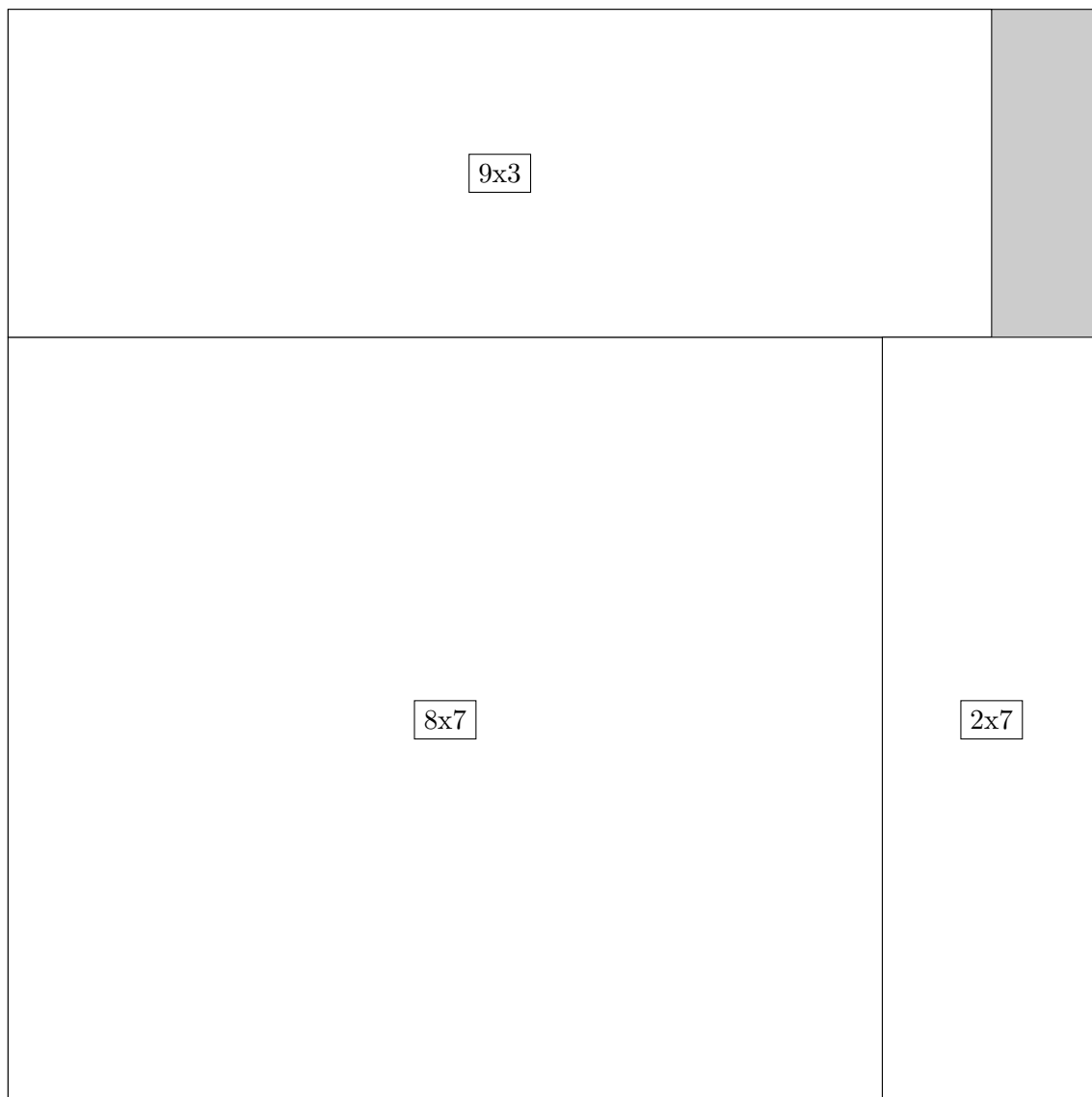
w =10 , h =6 , x =0 , y =0 , v =60
w =7 , h =4 , x =3 , y =6 , v =28
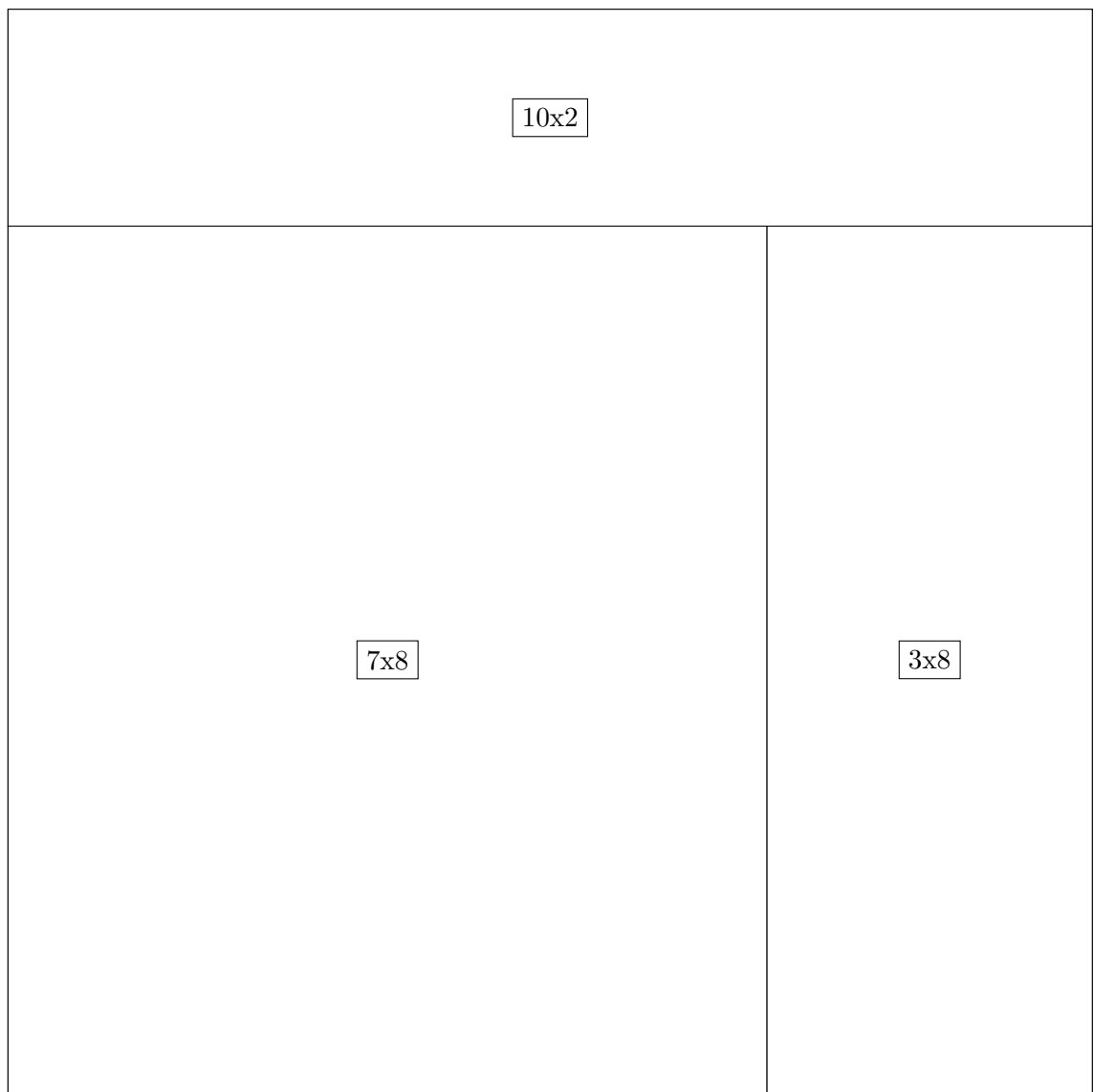w =3 , h =4 , x =0 , y =6 , v =12

6x10

4x10

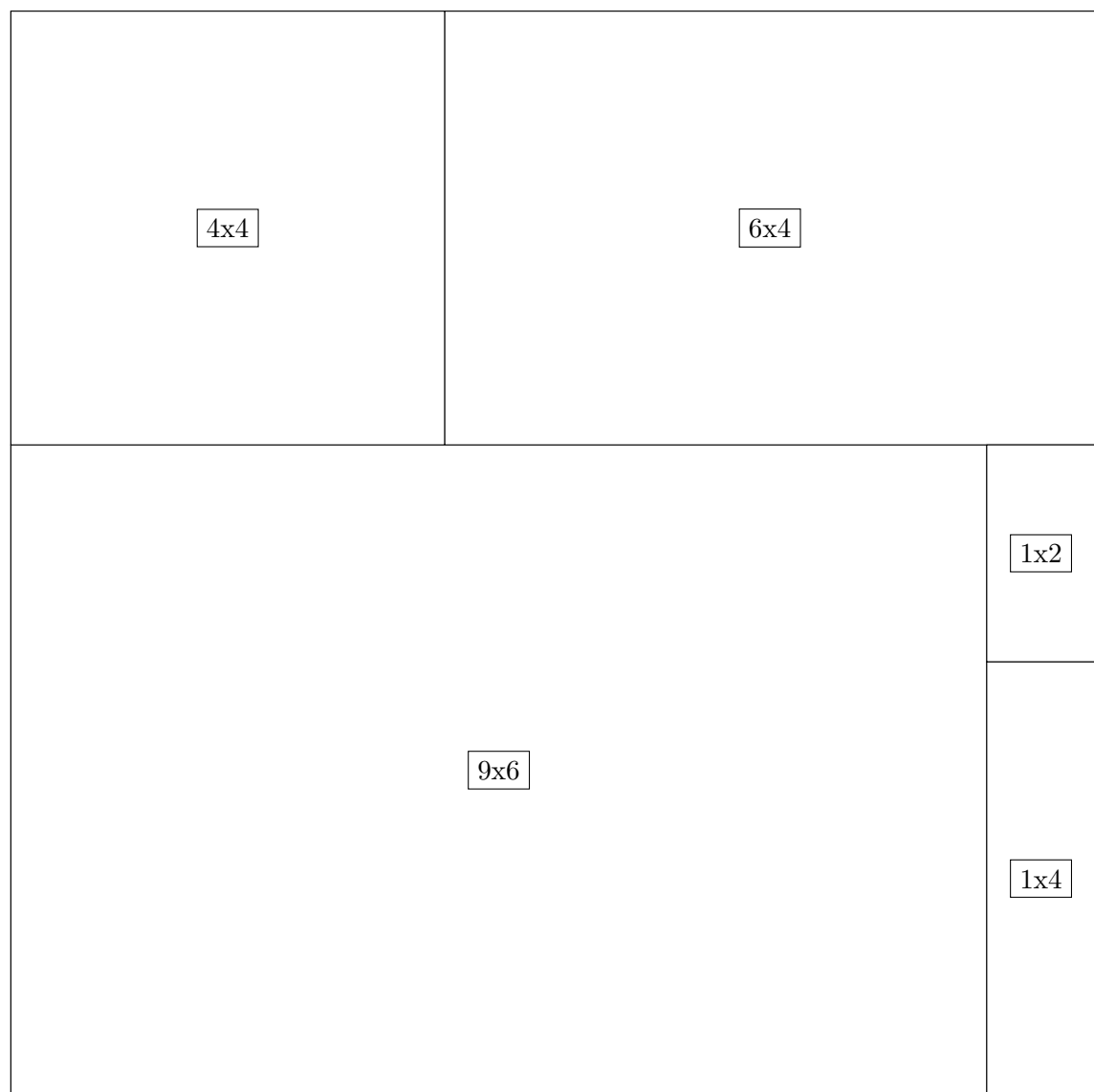w =6 , h =10 , x =0 , y =0 , v =60
w =4 , h =10 , x =6 , y =0 , v =40

9x3

8x7

2x7

w =8 , h =7 , x =0 , y =0 , v =56
w =9 , h =3 , x =0 , y =7 , v =27
w =2 , h =7 , x =8 , y =0 , v =14

10x2

7x8

3x8

w =7 , h =8 , x =0 , y =0 , v =56
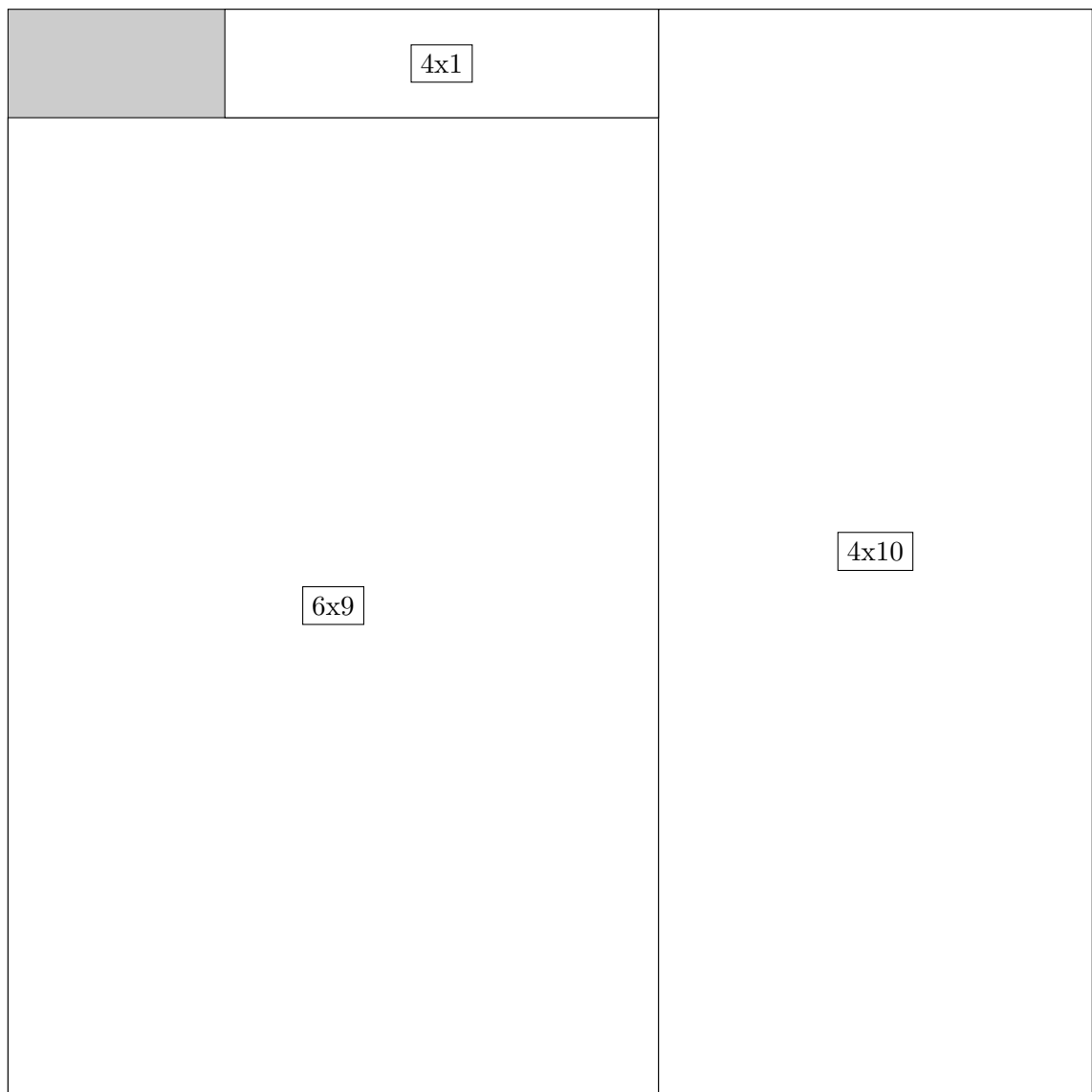w =3 , h =8 , x =7 , y =0 , v =24
w =10 , h =2 , x =0 , y =8 , v =20

4x4

6x4

1x2

9x6

1x4

w =9 , h =6 , x =0 , y =0 , v =54
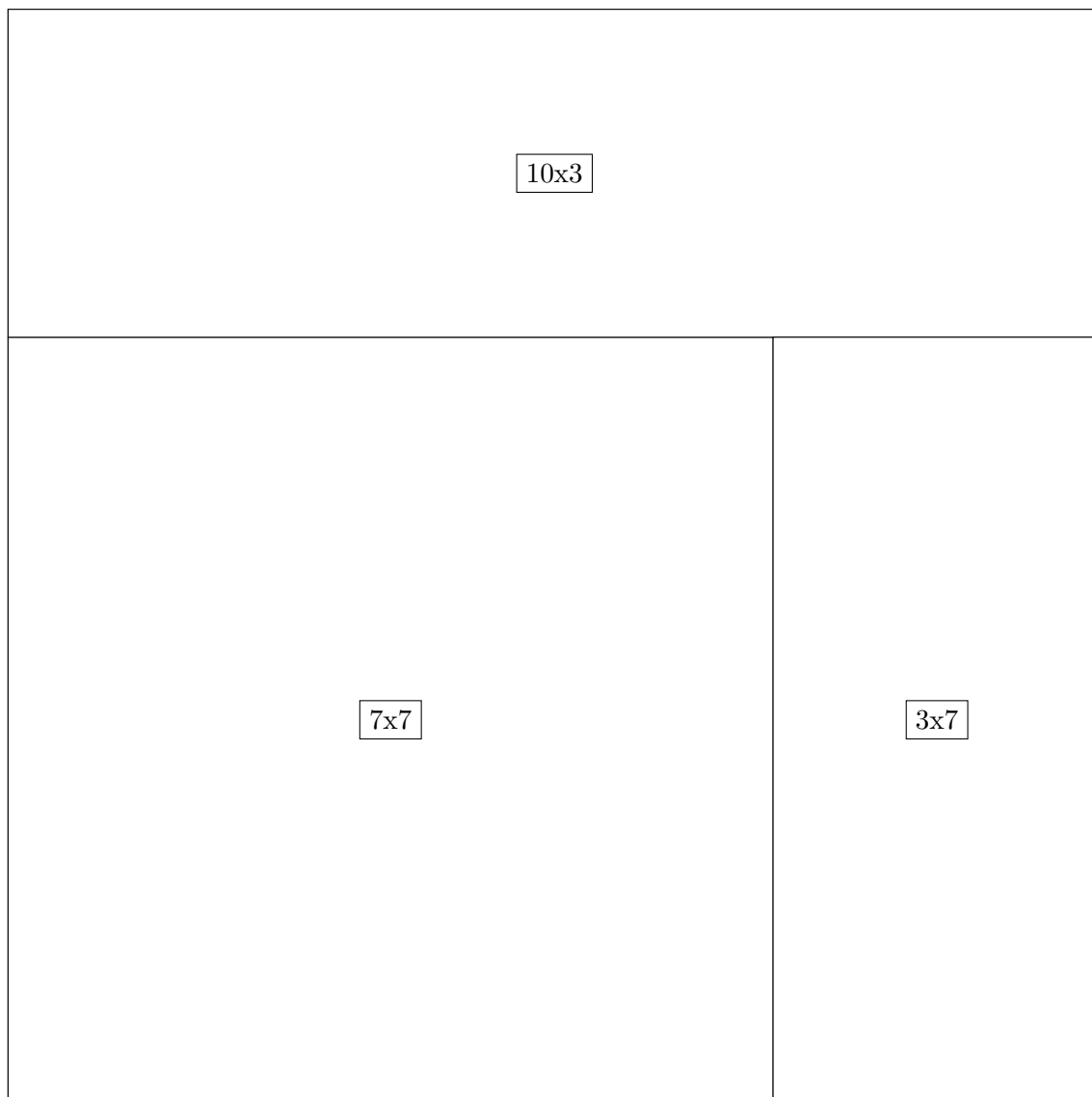w =6 , h =4 , x =4 , y =6 , v =24
w =4 , h =4 , x =0 , y =6 , v =16
w =1 , h =4 , x =9 , y =0 , v =4
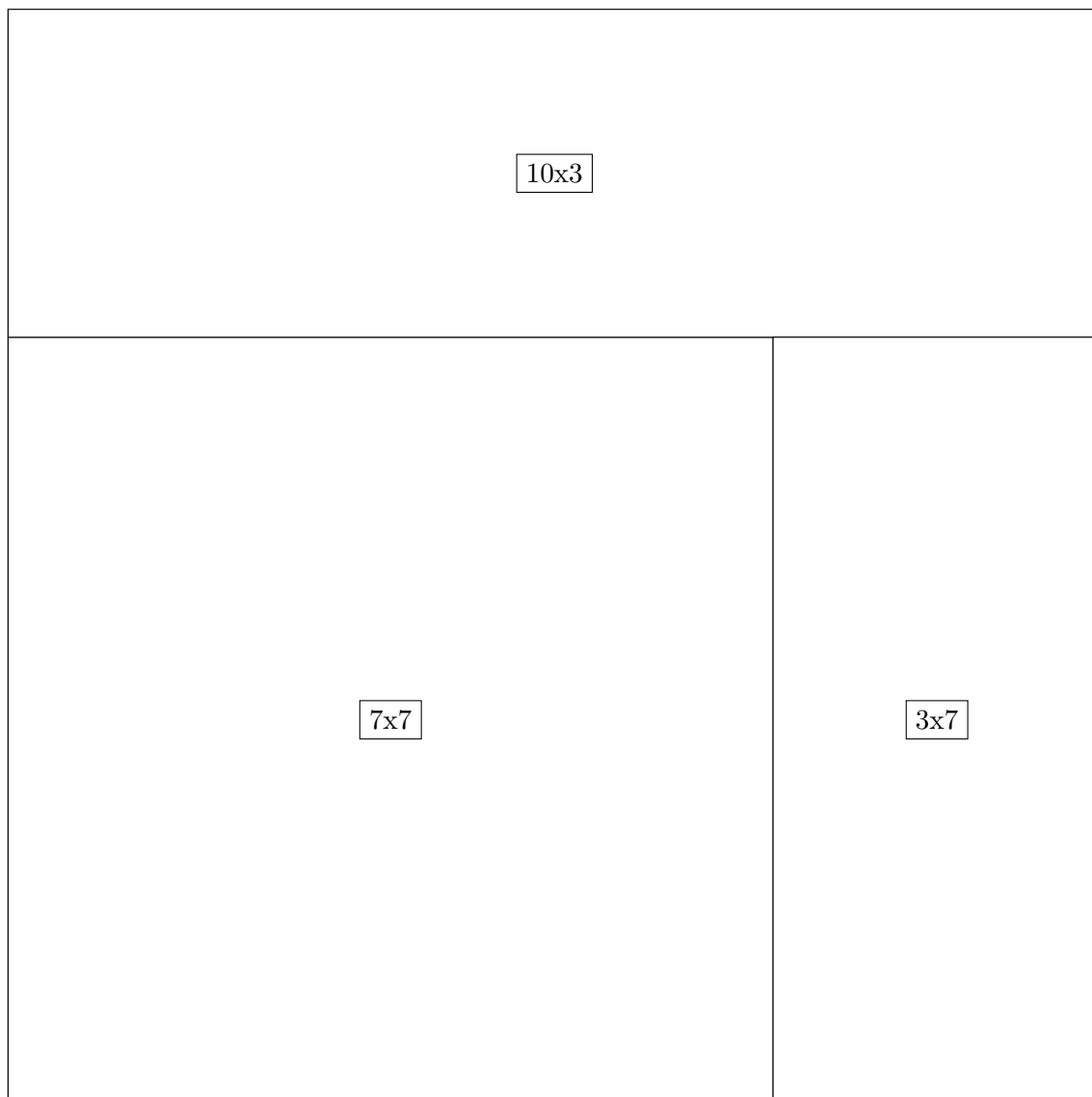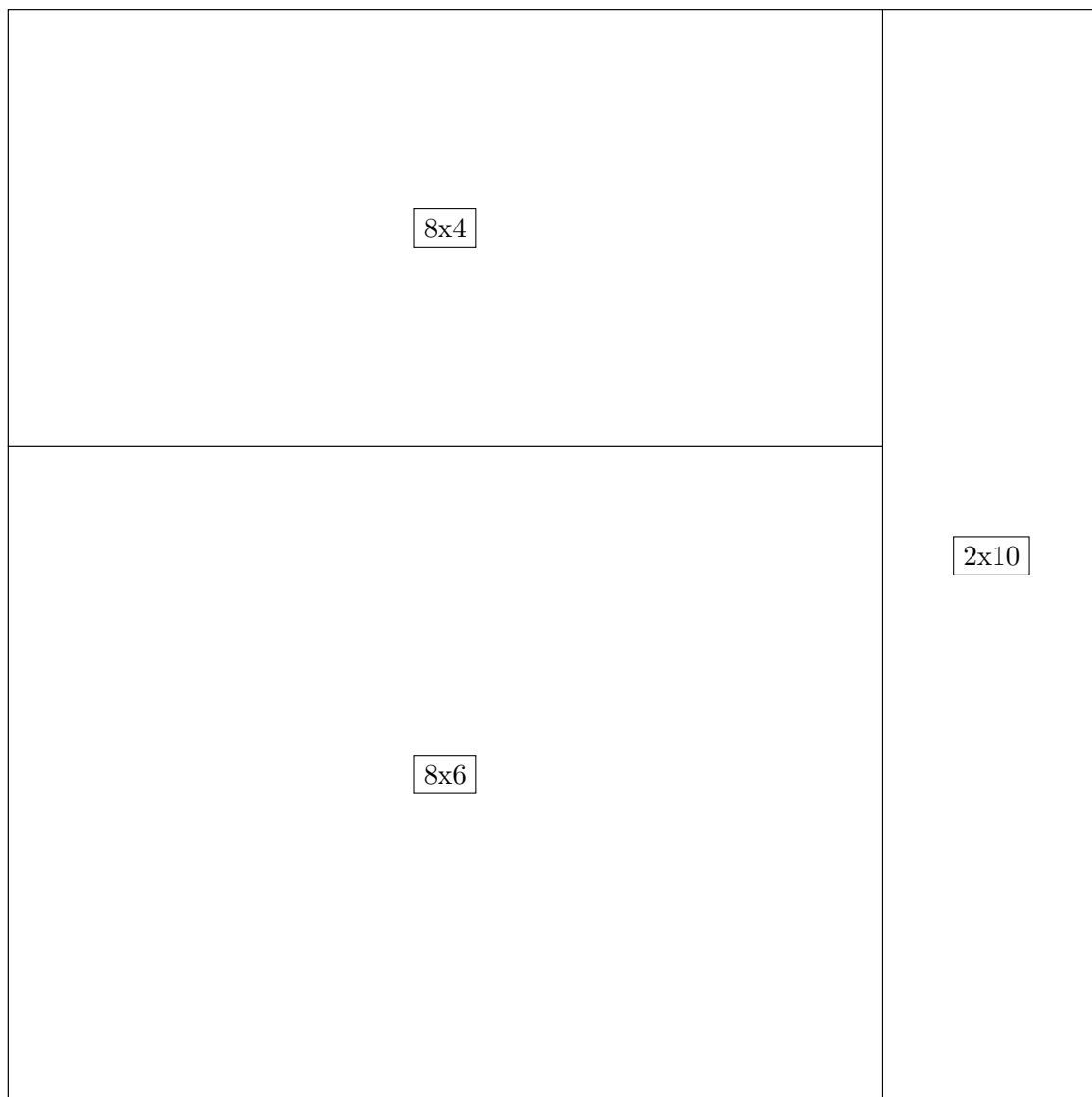w =1 , h =2 , x =9 , y =4 , v =2

4x1

4x10

6x9

w =6 , h =9 , x =0 , y =0 , v =54
w =4 , h =10 , x =6 , y =0 , v =40
w =4 , h =1 , x =2 , y =9 , v =4

10x3

7x7

3x7

w =7 , h =7 , x =0 , y =0 , v =49
w =10 , h =3 , x =0 , y =7 , v =30
w =3 , h =7 , x =7 , y =0 , v =21

10x3

7x7

3x7

w =7 , h =7 , x =0 , y =0 , v =49
w =10 , h =3 , x =0 , y =7 , v =30
w =3 , h =7 , x =7 , y =0 , v =21

8x4

2x10

8x6

w =8 , h =6 , x =0 , y =0 , v =48
w =8 , h =4 , x =0 , y =6 , v =32
w =2 , h =10 , x =8 , y =0 , v =20

| 2x2 | 8x2 |
| --- | --- |

10x2

| 7x6 | 3x6 |
| --- | --- |

w =7 , h =6 , x =0 , y =0 , v =42
w =10 , h =2 , x =0 , y =6 , v =20
w =3 , h =6 , x =7 , y =0 , v =18
w =8 , h =2 , x =2 , y =8 , v =16
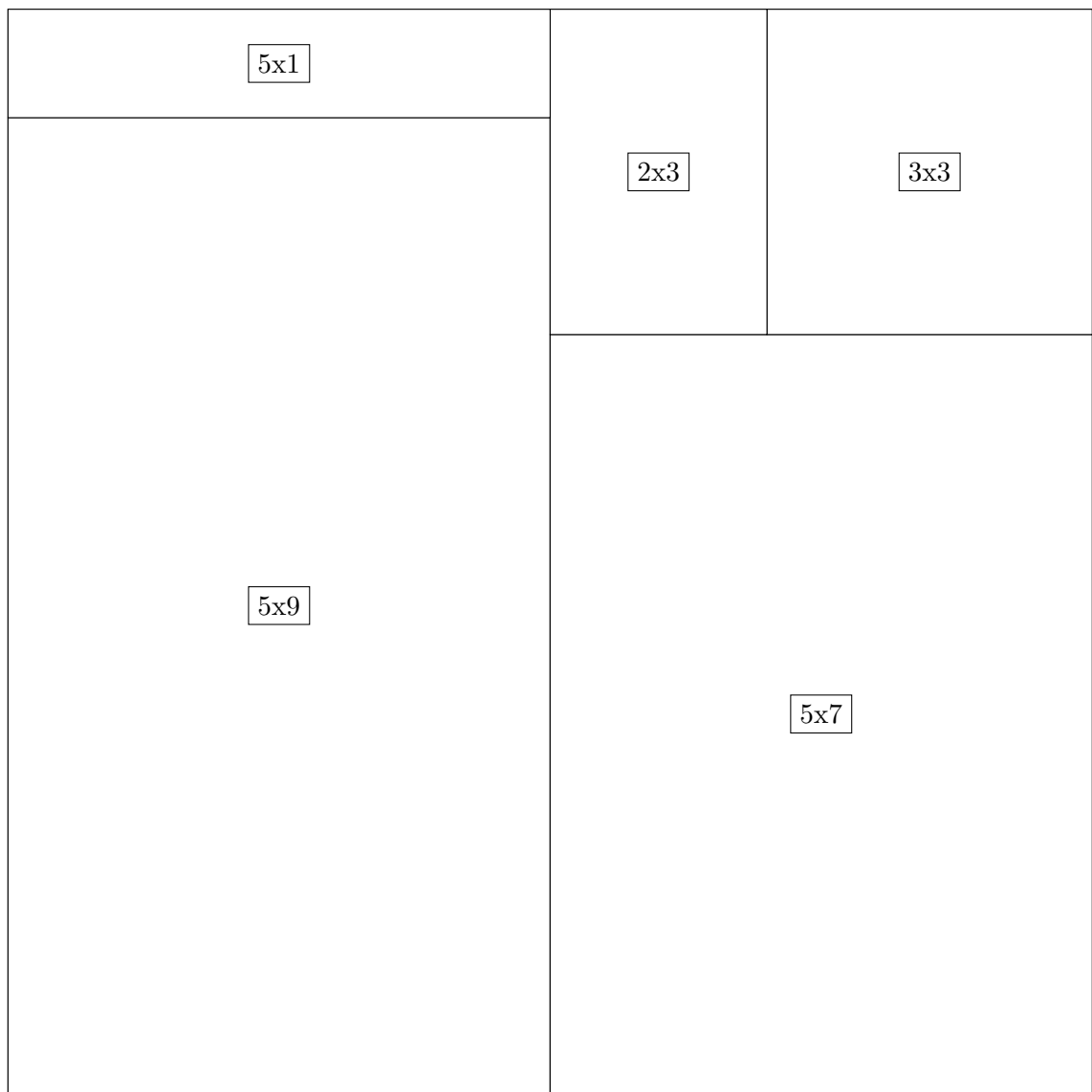w =2 , h =2 , x =0 , y =8 , v =4

7x4

3x1

3x9

7x6

w =7 , h =6 , x =0 , y =0 , v =42
w =7 , h =4 , x =0 , y =6 , v =28
w =3 , h =9 , x =7 , y =0 , v =27
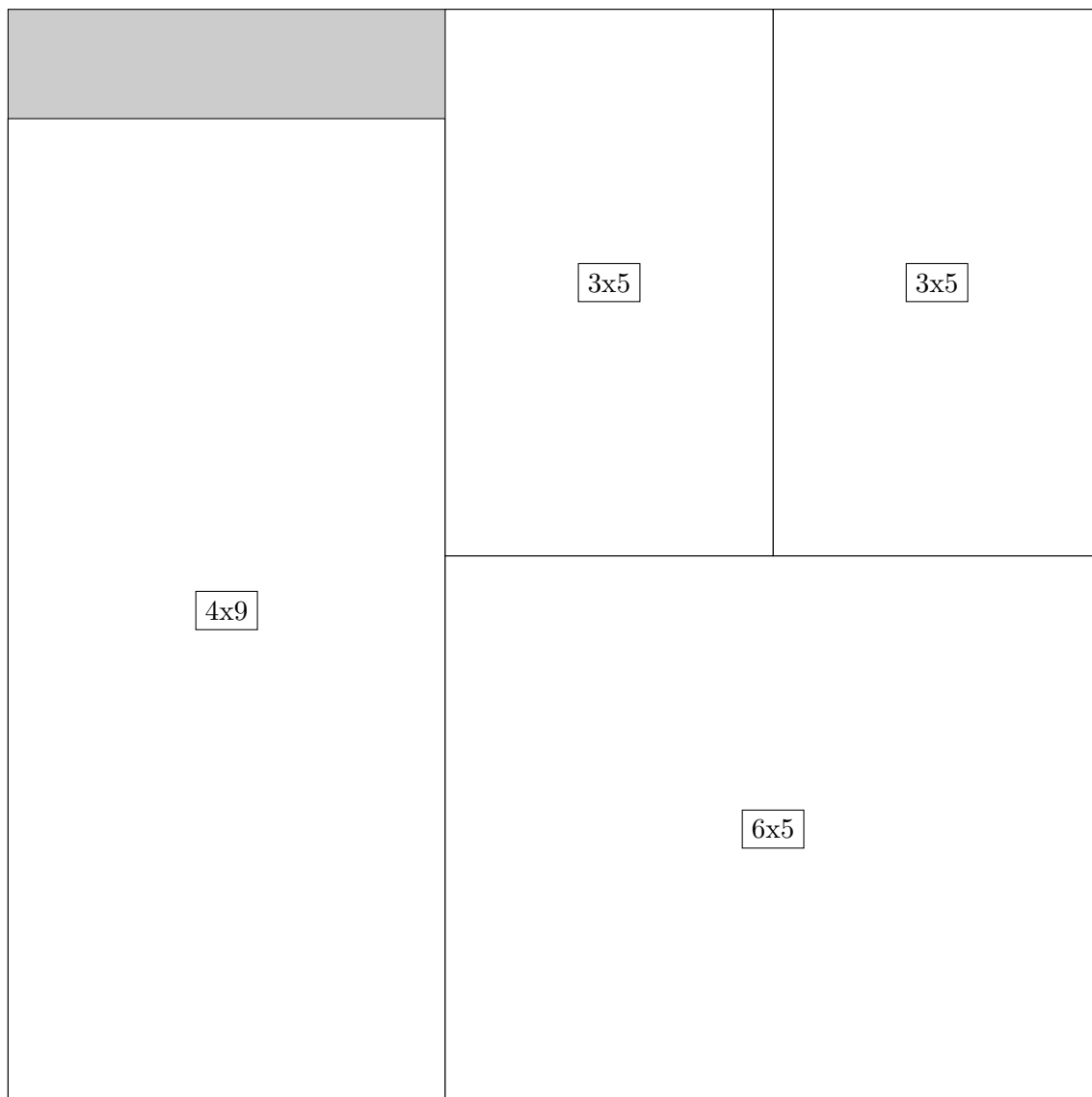w =3 , h =1 , x =7 , y =9 , v =3

5x1

2x3

3x3

5x9

5x7

w = 5 , h = 9 , x = 0 , y = 0 , v = 45
w = 5 , h = 7 , x = 5 , y = 0 , v = 35
w = 3 , h = 3 , x = 7 , y = 7 , v = 9
w = 2 , h = 3 , x = 5 , y = 7 , v = 6
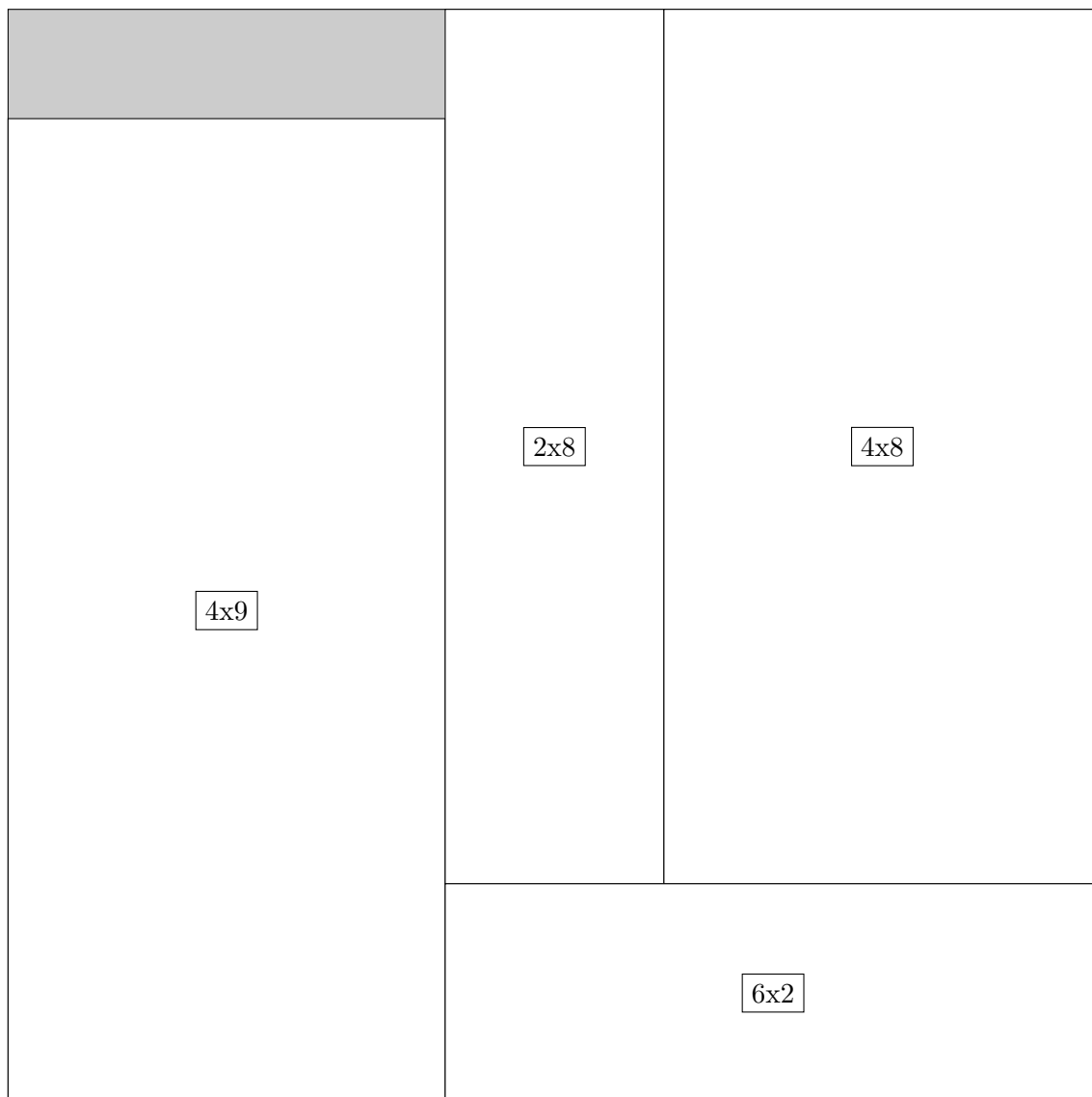w = 5 , h = 1 , x = 0 , y = 9 , v = 5

3x5

3x5

4x9

6x5

w =4 , h =9 , x =0 , y =0 , v =36
w =6 , h =5 , x =4 , y =0 , v =30
w =3 , h =5 , x =7 , y =5 , v =15
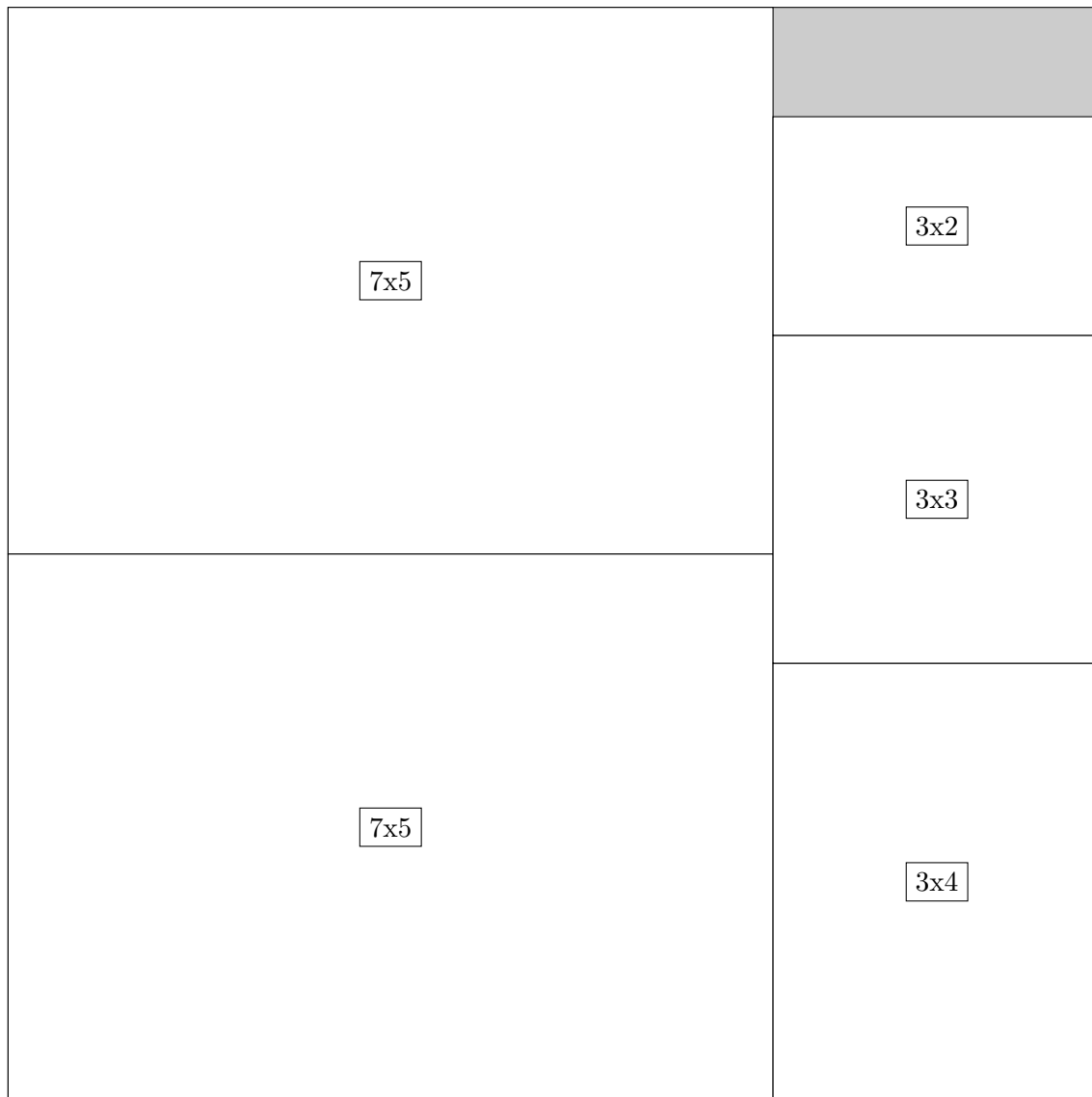w =3 , h =5 , x =4 , y =5 , v =15

4x9

2x8

4x8

6x2

w =4 , h =9 , x =0 , y =0 , v =36
w =4 , h =8 , x =6 , y =2 , v =32
w =2 , h =8 , x =4 , y =2 , v =16
w =6 , h =2 , x =4 , y =0 , v =12
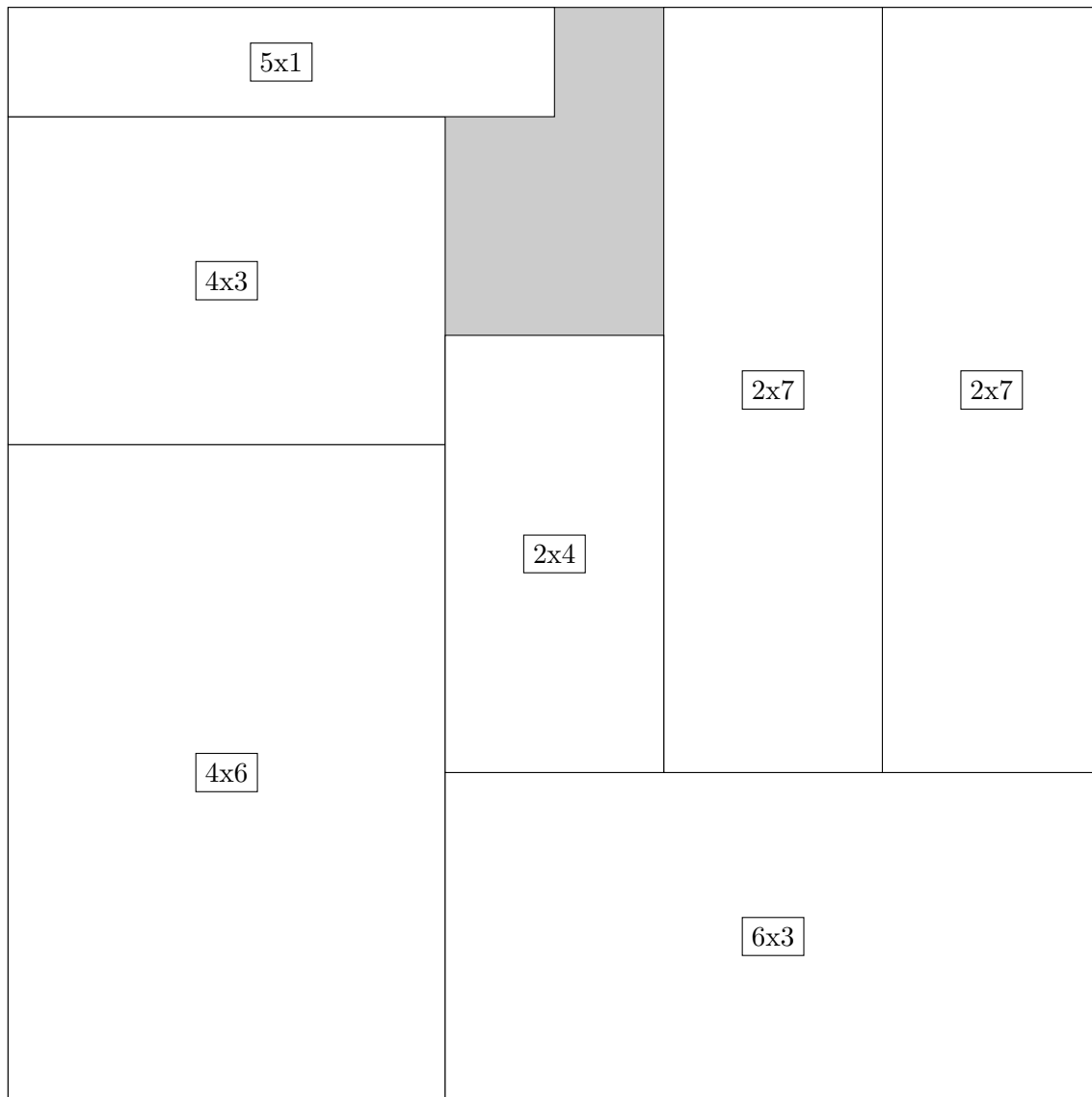
7x5

3x2

3x3

7x5

3x4

w =7 , h =5 , x =0 , y =0 , v =35
w =7 , h =5 , x =0 , y =5 , v =35
w =3 , h =4 , x =7 , y =0 , v =12
w =3 , h =3 , x =7 , y =4 , v =9
w =3 , h =2 , x =7 , y =7 , v =6

5x1

4x3

2x7

2x7

2x4

4x6

6x3

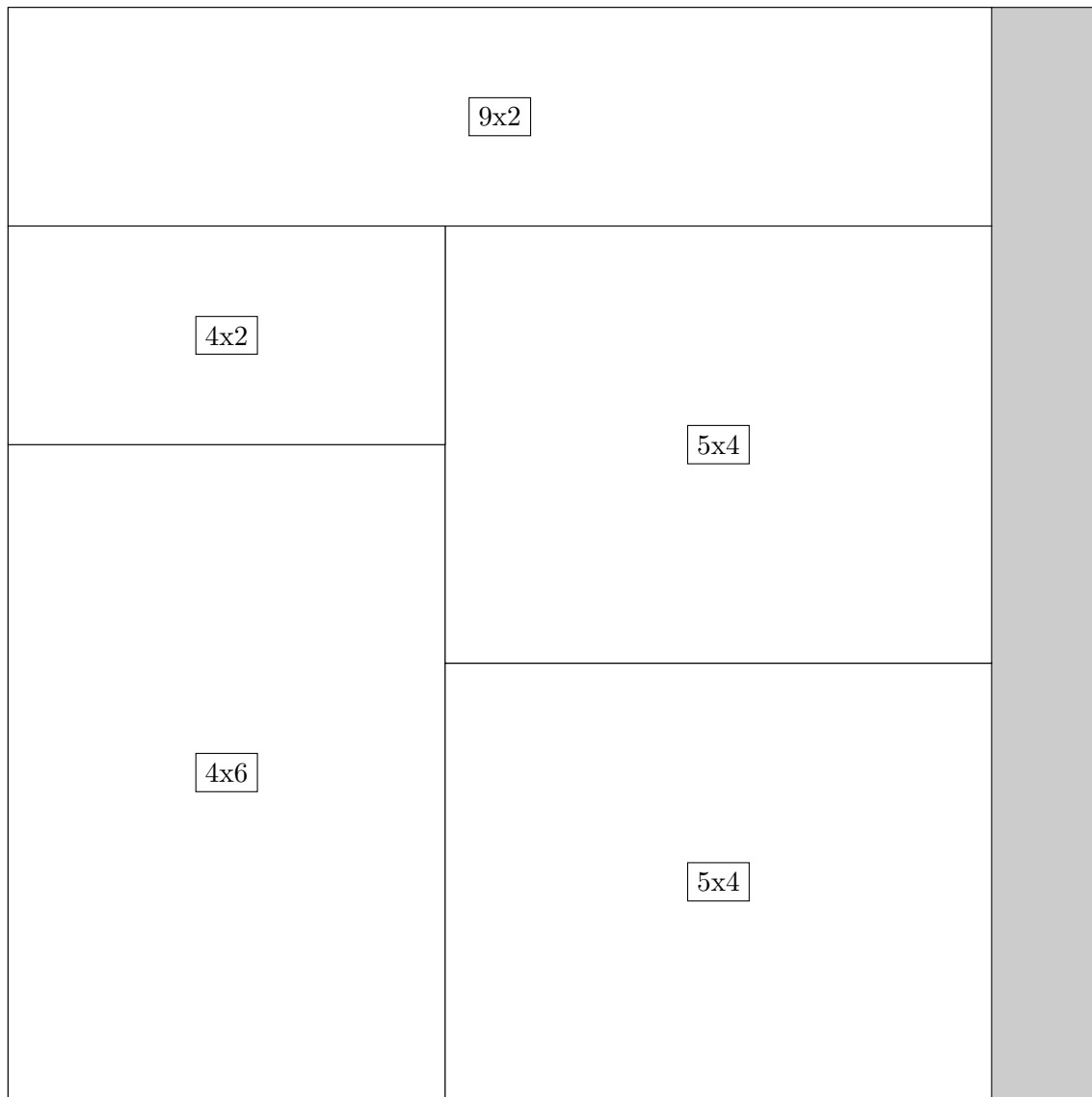w =4 , h =6 , x =0 , y =0 , v =24
w =6 , h =3 , x =4 , y =0 , v =18
w =2 , h =7 , x =8 , y =3 , v =14
w =2 , h =7 , x =6 , y =3 , v =14
w =4 , h =3 , x =0 , y =6 , v =12
w =2 , h =4 , x =4 , y =3 , v =8
w =5 , h =1 , x =0 , y =9 , v =5
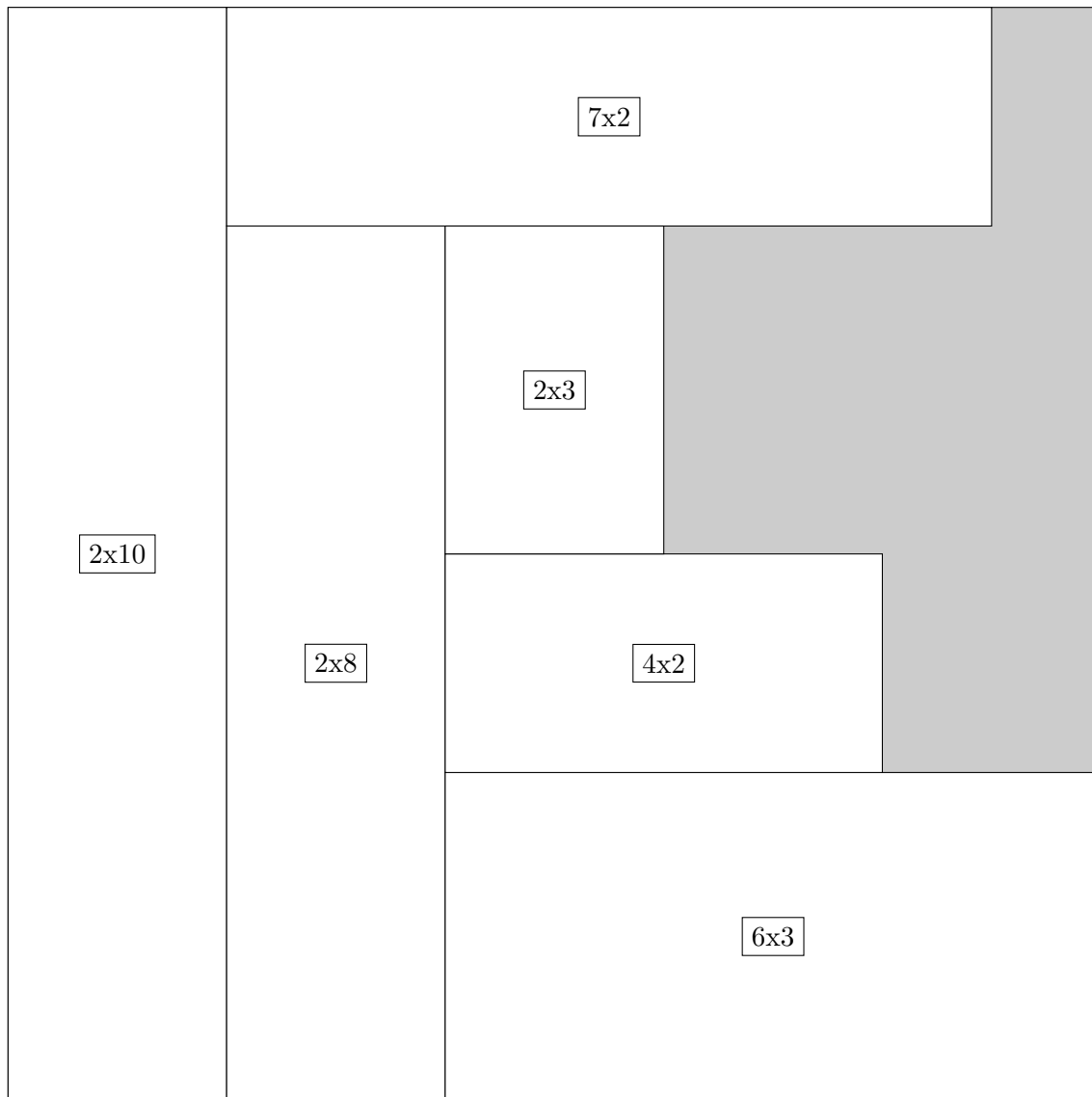
9x2

4x2

5x4

4x6

5x4

w =4 , h =6 , x =0 , y =0 , v =24
w =5 , h =4 , x =4 , y =0 , v =20
w =5 , h =4 , x =4 , y =4 , v =20
w =9 , h =2 , x =0 , y =8 , v =18
w =4 , h =2 , x =0 , y =6 , v =8

w =2 , h =10 , x =0 , y =0 , v =20
w =2 , h =8 , x =2 , y =0 , v =16
w =6 , h =3 , x =4 , y =0 , v =18
w =7 , h =2 , x =2 , y =8 , v =14
w =4 , h =2 , x =4 , y =3 , v =8
w =2 , h =3 , x =4 , y =5 , v =6

9x2

9x4

9x4

w =9 , h =4 , x =0 , y =0 , v =36
w =9 , h =4 , x =0 , y =4 , v =36
w =9 , h =2 , x =0 , y =8 , v =18