ClassName: **Class__01.2bp-46**
BinSize: **10 × 10**
ReduceSize: **10 × 10**
TypeNum: **63**
Num: **100**
OutS: **2800**
InS: **2737**
Rate: **0.978**
UB: **28**
LB0: **28**
LB: **28**
LBWithCut: **28**
NodeCut: **0**
PrimalNode: **0**
ColumnCount: **28**
TotalCutCount: **0**
RootCutCount: **0**
LPSolverCnt: **1**
PricingSolverCnt: **0**
BranchAndBoundNum: **1**
isOpt: **true**
TimeOnPrimal: **0.000 s**
TimeOnPricing: **0.000 s**
TimeOnRmp: **0.079 s**
TotalTime: **0.141 s**

9x10

1x10

w =9 , h =10 , x =0 , y =0 , v =90
w =1 , h =10 , x =9 , y =0 , v =10

9x1

1x10

9x9

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

1x1	1x1	2x1	6x1

9x9

1x9

w =9 , h =9 , x =0 , y =0 , v =81
w =1 , h =9 , x =9 , y =0 , v =9
w =6 , h =1 , x =4 , y =9 , v =6
w =2 , h =1 , x =2 , y =9 , v =2
w =1 , h =1 , x =1 , y =9 , v =1
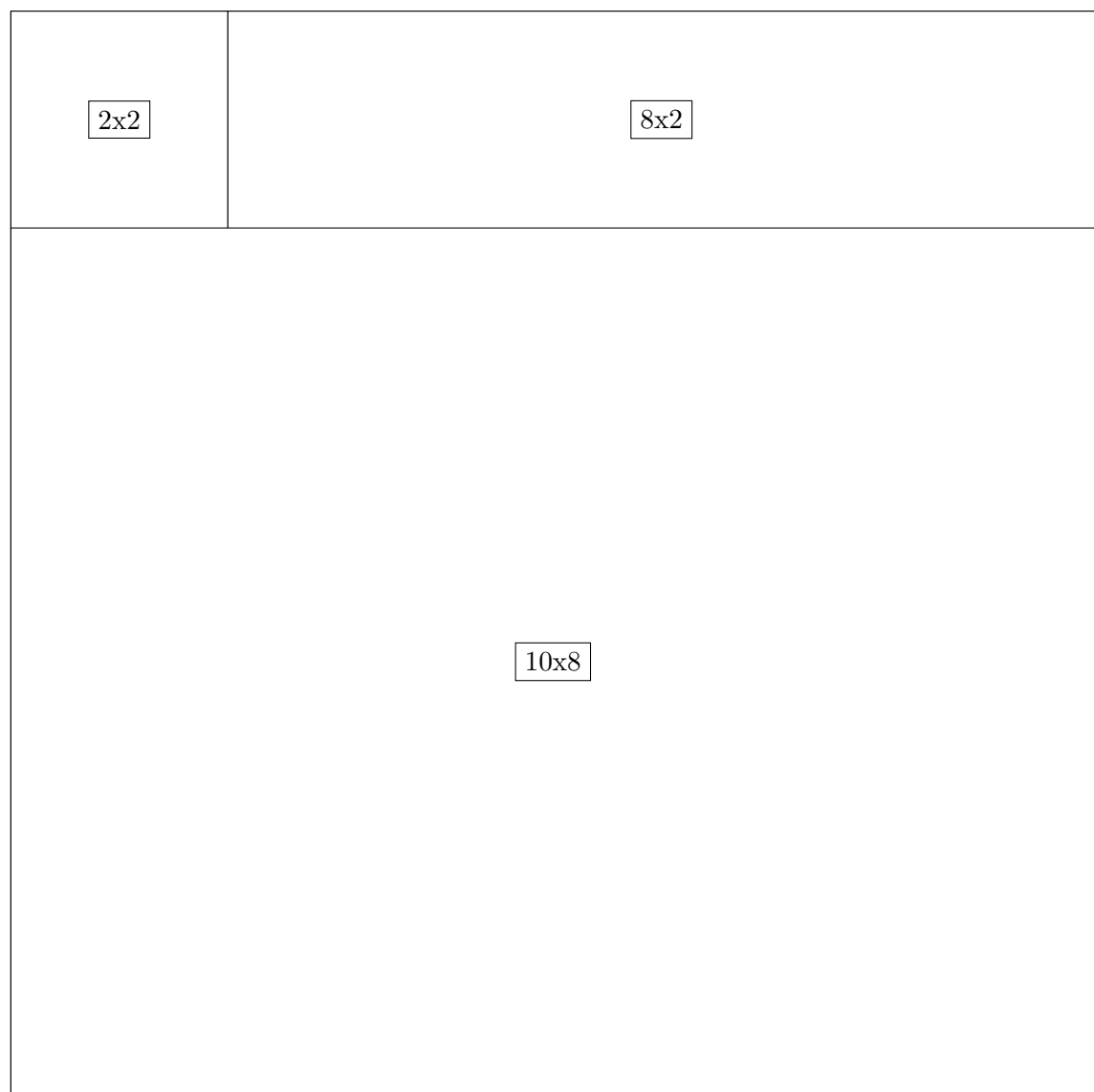w =1 , h =1 , x =0 , y =9 , v =1
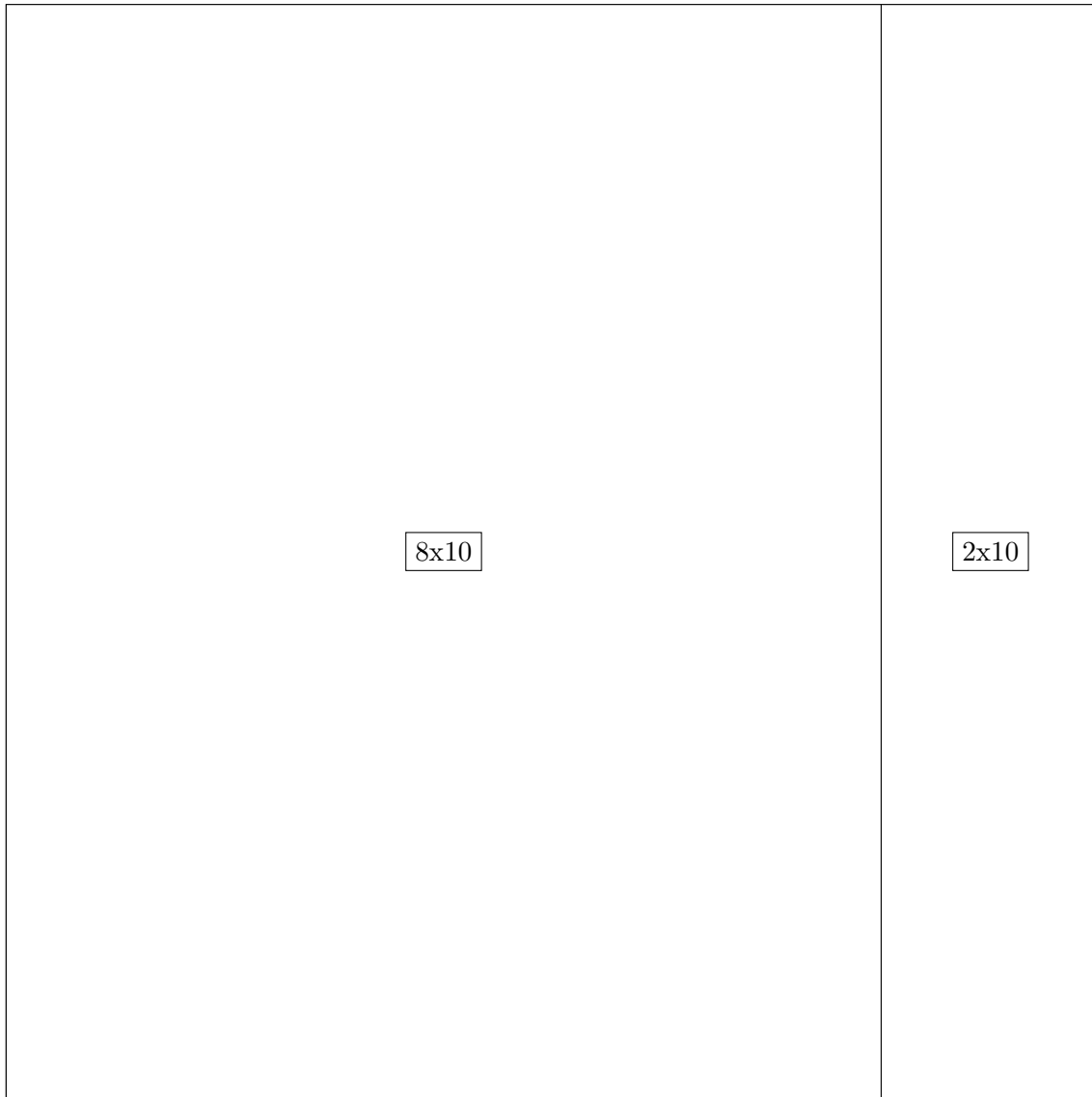
5x1

9x9

1x9

w =9 , h =9 , x =0 , y =0 , v =81
w =1 , h =9 , x =9 , y =0 , v =9
w =5 , h =1 , x =5 , y =9 , v =5

9x9

1x9

w =9 , h =9 , x =0 , y =0 , v =81
w =1 , h =9 , x =9 , y =0 , v =9

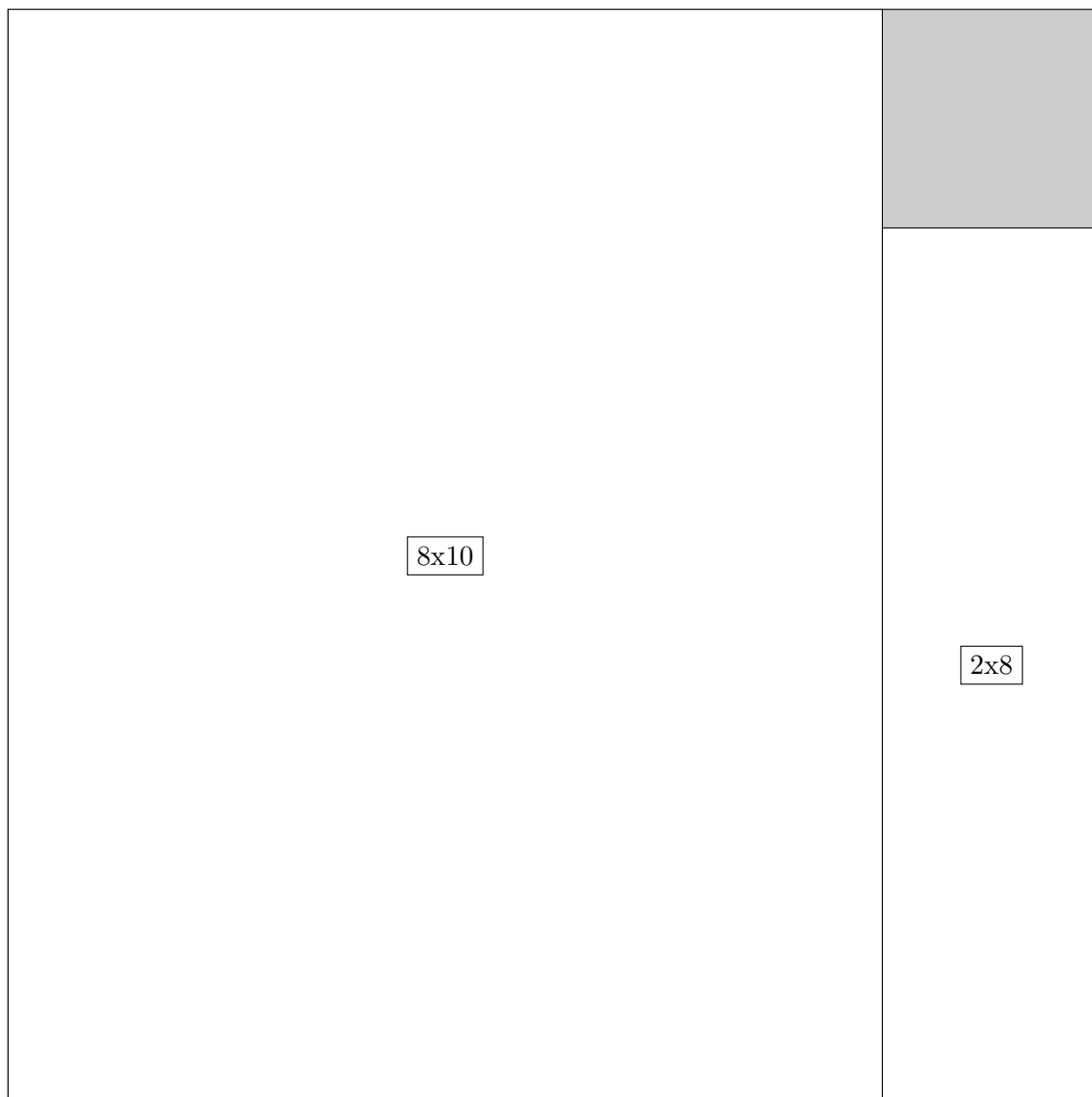| 2x2	8x2

10x8

w =10 , h =8 , x =0 , y =0 , v =80
w =8 , h =2 , x =2 , y =8 , v =16
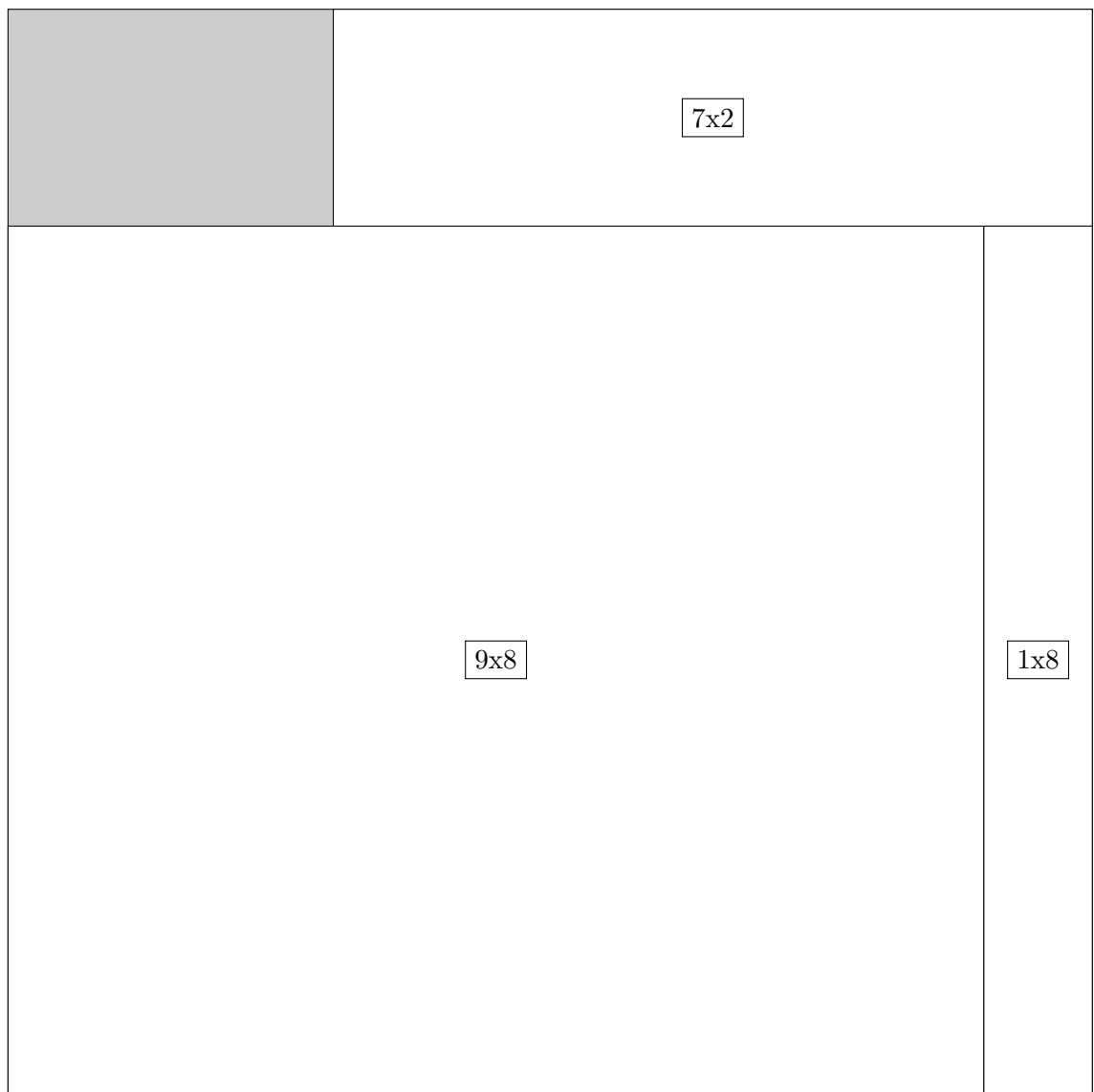w =2 , h =2 , x =0 , y =8 , v =4

8x10

2x10

w =8 , h =10 , x =0 , y =0 , v =80
w =2 , h =10 , x =8 , y =0 , v =20
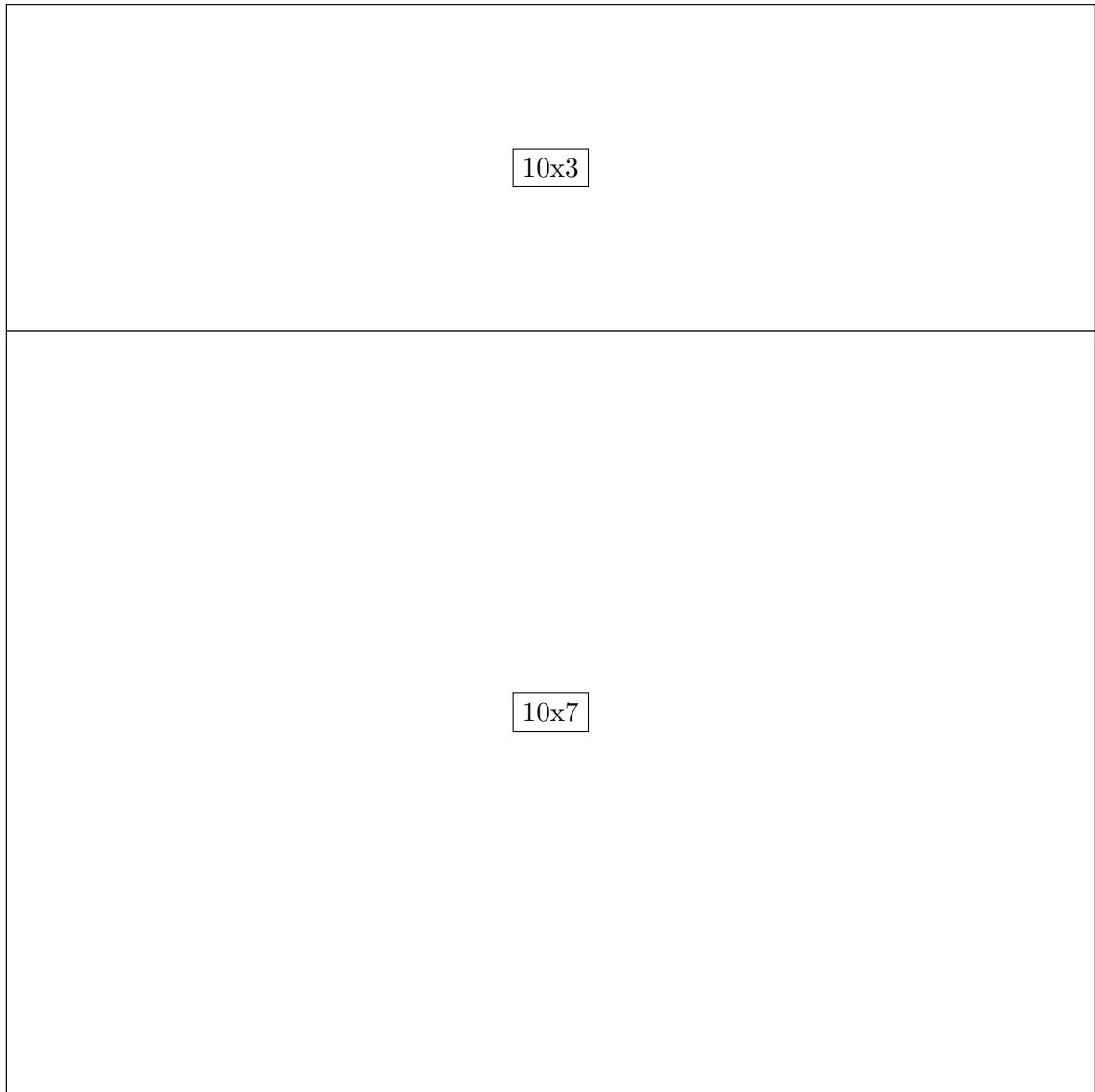
8x10

2x8

w =8 , h =10 , x =0 , y =0 , v =80
w =2 , h =8 , x =8 , y =0 , v =16

7x2

9x8

1x8

w =9 , h =8 , x =0 , y =0 , v =72
w =7 , h =2 , x =3 , y =8 , v =14
w =1 , h =8 , x =9 , y =0 , v =8

10x3

10x7

w =10 , h =7 , x =0 , y =0 , v =70
w =10 , h =3 , x =0 , y =7 , v =30

10x3

10x7

w =10 , h =7 , x =0 , y =0 , v =70
w =10 , h =3 , x =0 , y =7 , v =30

7x10
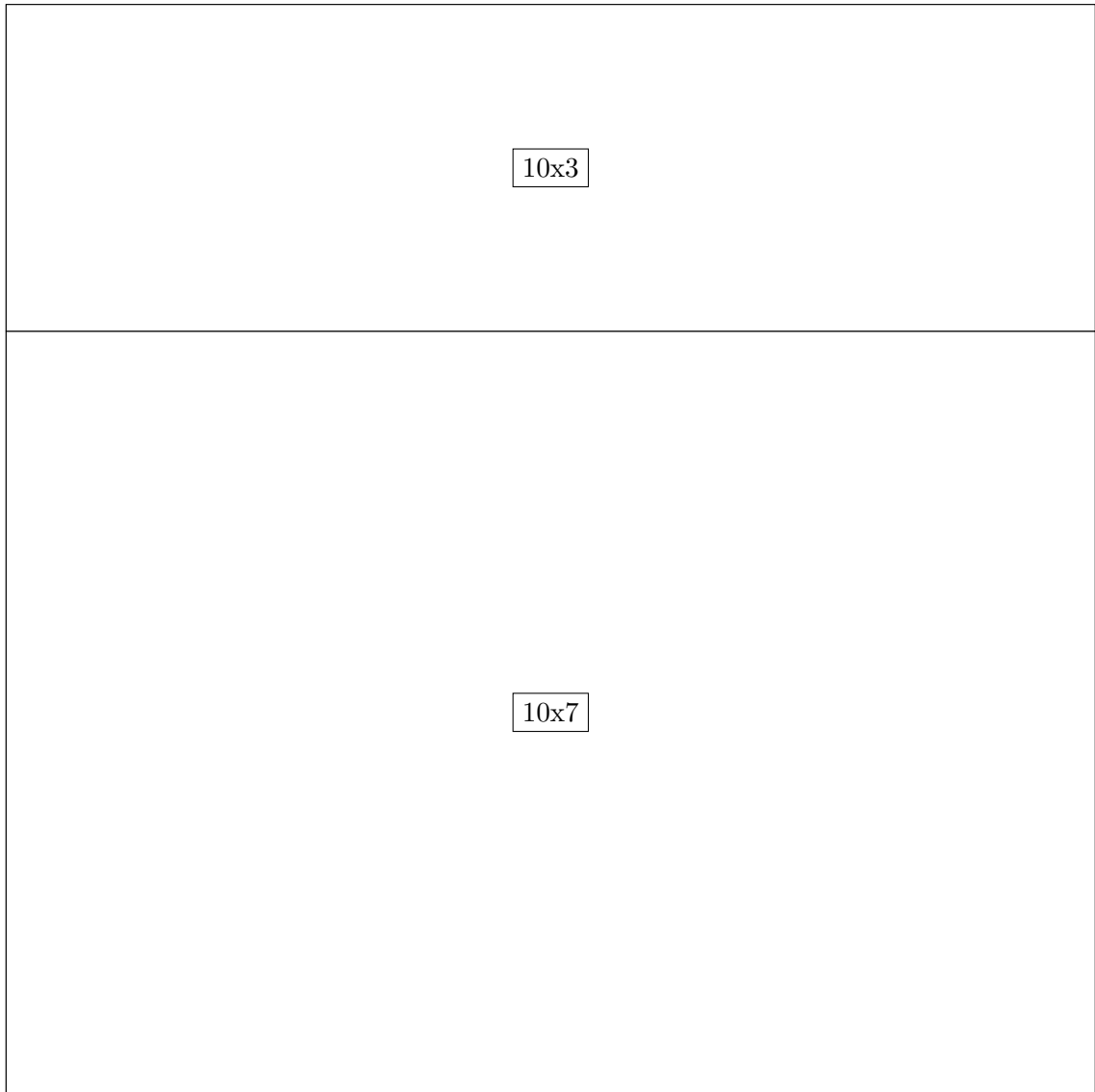
3x10

w =7 , h =10 , x =0 , y =0 , v =70
w =3 , h =10 , x =7 , y =0 , v =30

3x1

7x10

3x9

w =7 , h =10 , x =0 , y =0 , v =70
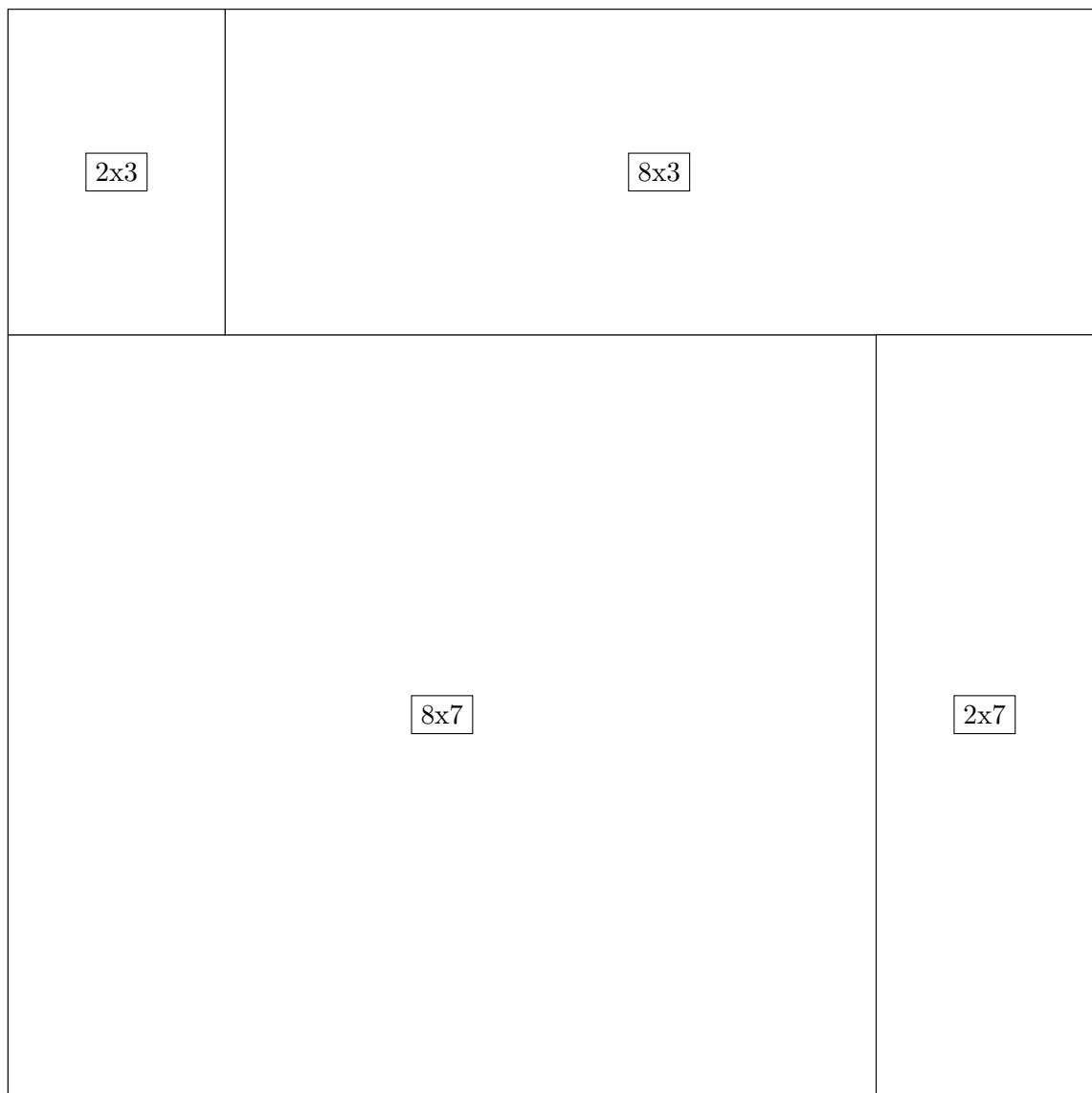w =3 , h =9 , x =7 , y =0 , v =27
w =3 , h =1 , x =7 , y =9 , v =3

6x10

4x10

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

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┌──────────┬─────────────────────────────────┐
│          │                                 │
│          │                                 │
│   2x3    │              8x3                │
│          │                                 │
│          │                                 │
├──────────┴────────────────────────┬────────┤
│                                    │        │
│                                    │        │
│                                    │        │
│                                    │        │
│                8x7                 │  2x7   │
│                                    │        │
│                                    │        │
│                                    │        │
│                                    │        │
└────────────────────────────────────┴────────┘
```
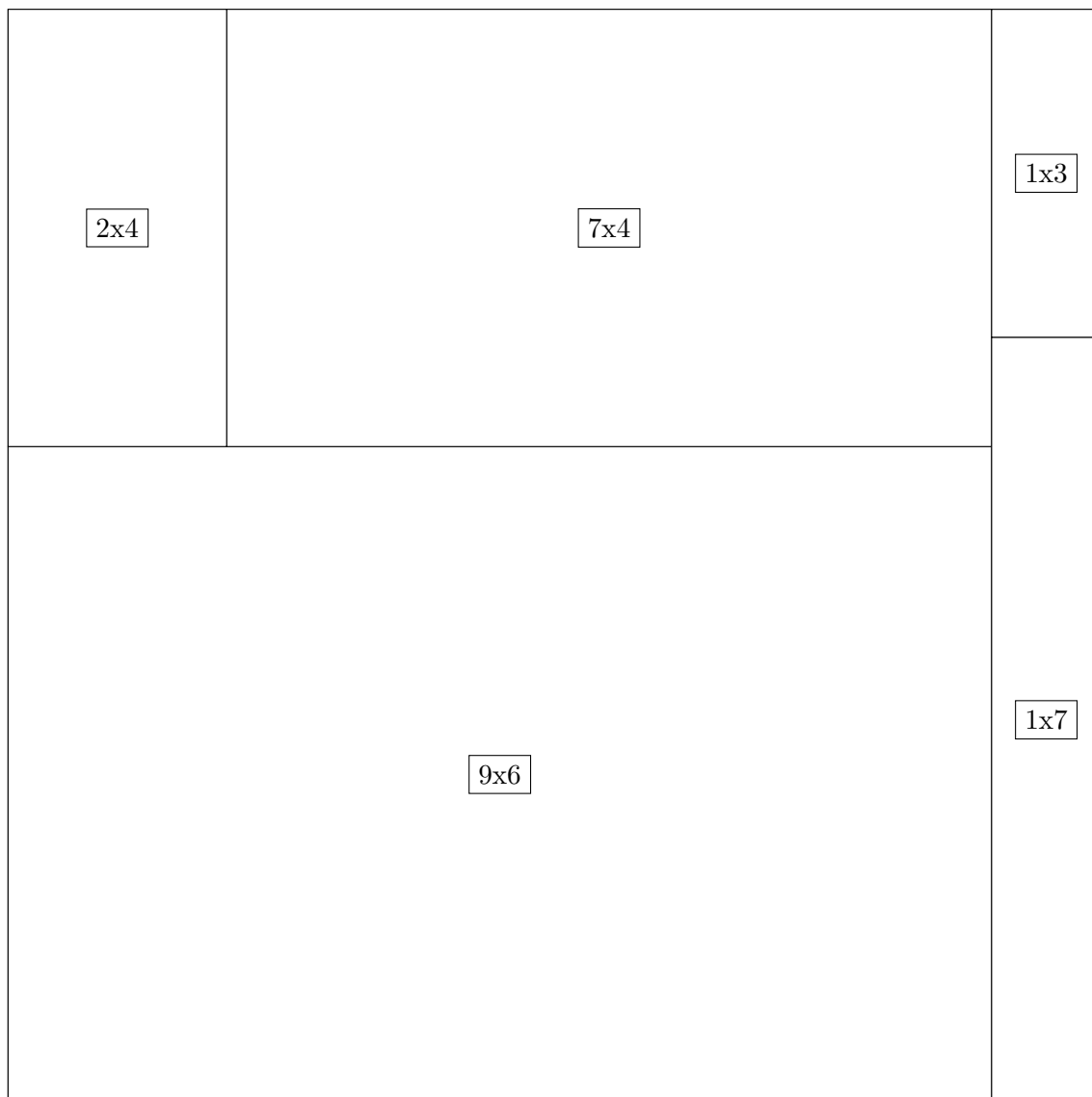
w =8 , h =7 , x =0 , y =0 , v =56
w =8 , h =3 , x =2 , y =7 , v =24
w =2 , h =7 , x =8 , y =0 , v =14
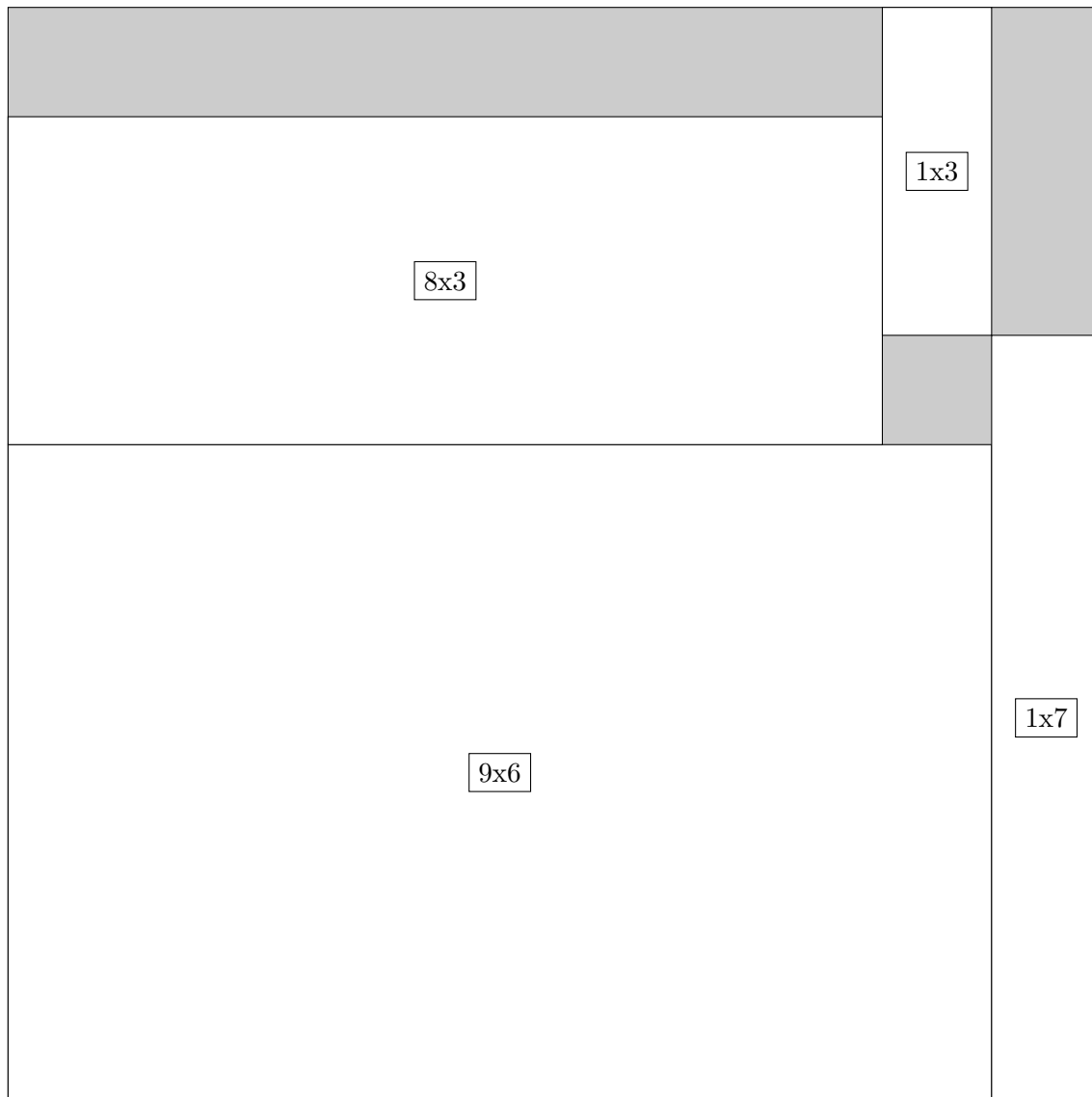w =2 , h =3 , x =0 , y =7 , v =6

2x4

7x4

1x3

1x7

9x6

w =9 , h =6 , x =0 , y =0 , v =54
w =7 , h =4 , x =2 , y =6 , v =28
w =2 , h =4 , x =0 , y =6 , v =8
w =1 , h =7 , x =9 , y =0 , v =7
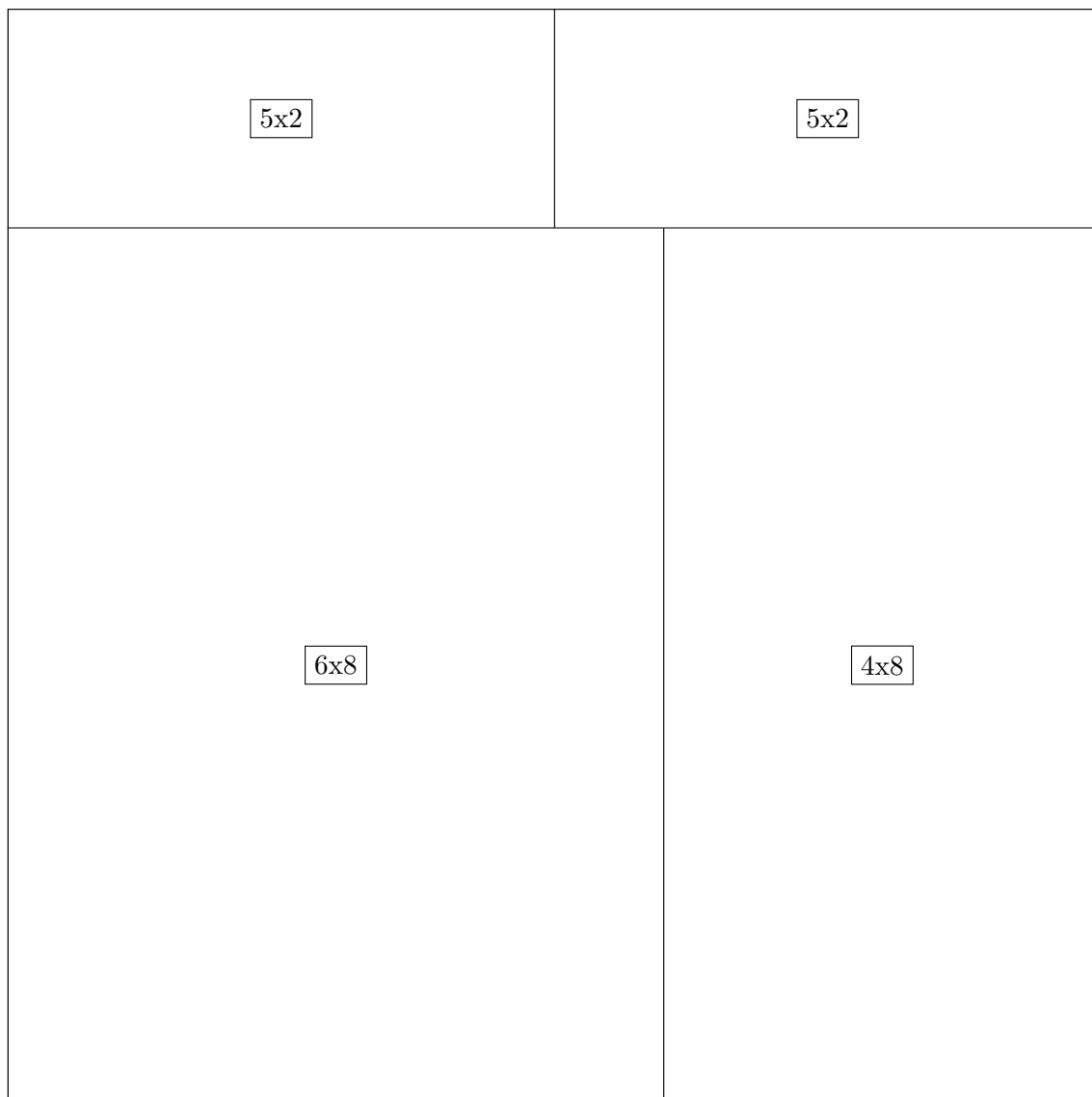w =1 , h =3 , x =9 , y =7 , v =3

w =9 , h =6 , x =0 , y =0 , v =54
w =8 , h =3 , x =0 , y =6 , v =24
w =1 , h =7 , x =9 , y =0 , v =7
w =1 , h =3 , x =8 , y =7 , v =3

5x2	5x2

6x8	4x8

w =6 , h =8 , x =0 , y =0 , v =48
w =4 , h =8 , x =6 , y =0 , v =32
w =5 , h =2 , x =5 , y =8 , v =10
w =5 , h =2 , x =0 , y =8 , v =10

1x1

4x1

5x3

1x2

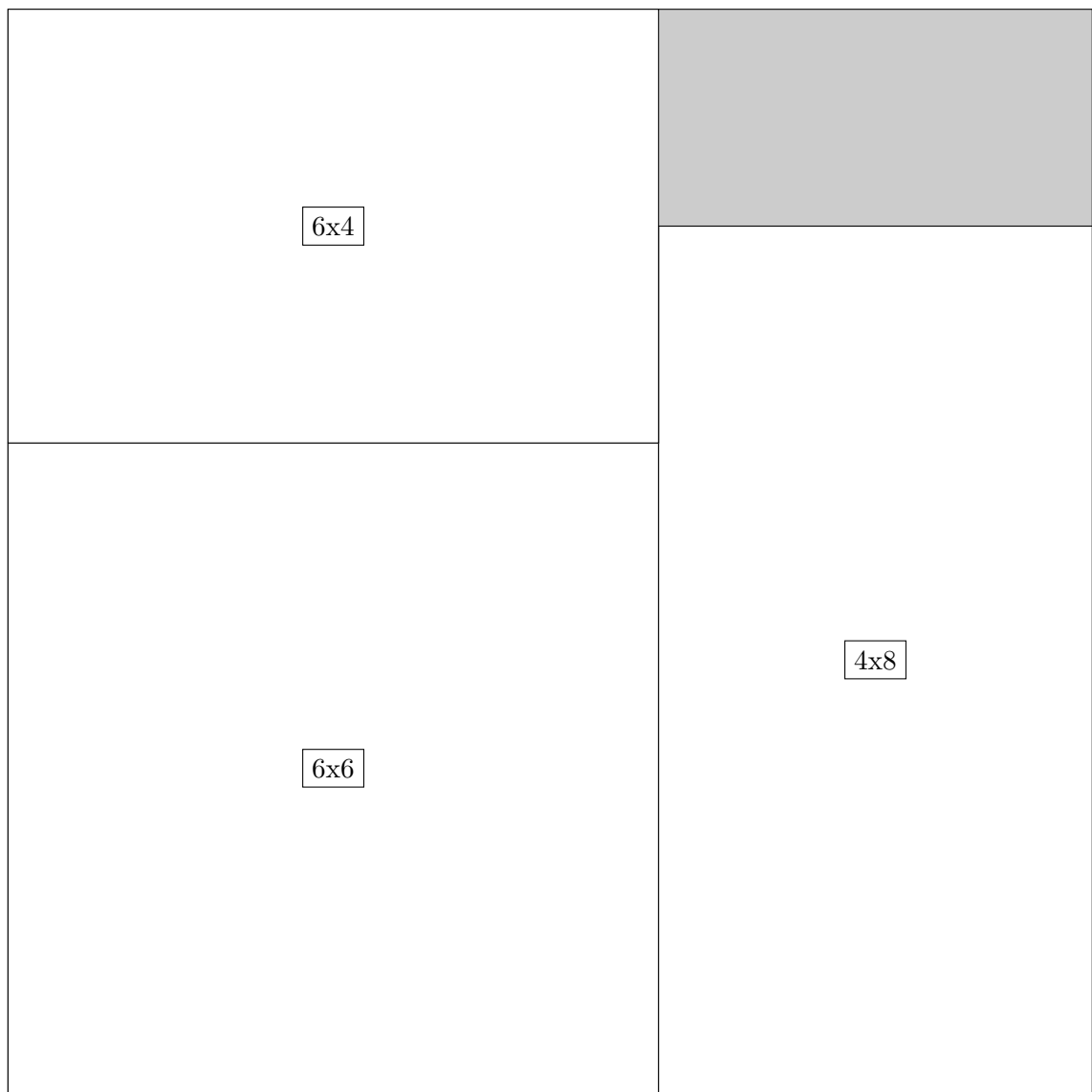4x9

6x7

w = 6 , h = 7 , x = 0 , y = 0 , v = 42
w = 4 , h = 9 , x = 6 , y = 0 , v = 36
w = 5 , h = 3 , x = 1 , y = 7 , v = 15
w = 4 , h = 1 , x = 6 , y = 9 , v = 4
w = 1 , h = 2 , x = 0 , y = 7 , v = 2
w = 1 , h = 1 , x = 0 , y = 9 , v = 1

6x4

4x8

6x6

w =6 , h =6 , x =0 , y =0 , v =36
w =4 , h =8 , x =6 , y =0 , v =32
w =6 , h =4 , x =0 , y =6 , v =24

5x4

5x4

4x1

6x6

4x5

w =6 , h =6 , x =0 , y =0 , v =36
w =5 , h =4 , x =5 , y =6 , v =20
w =5 , h =4 , x =0 , y =6 , v =20
w =4 , h =5 , x =6 , y =0 , v =20
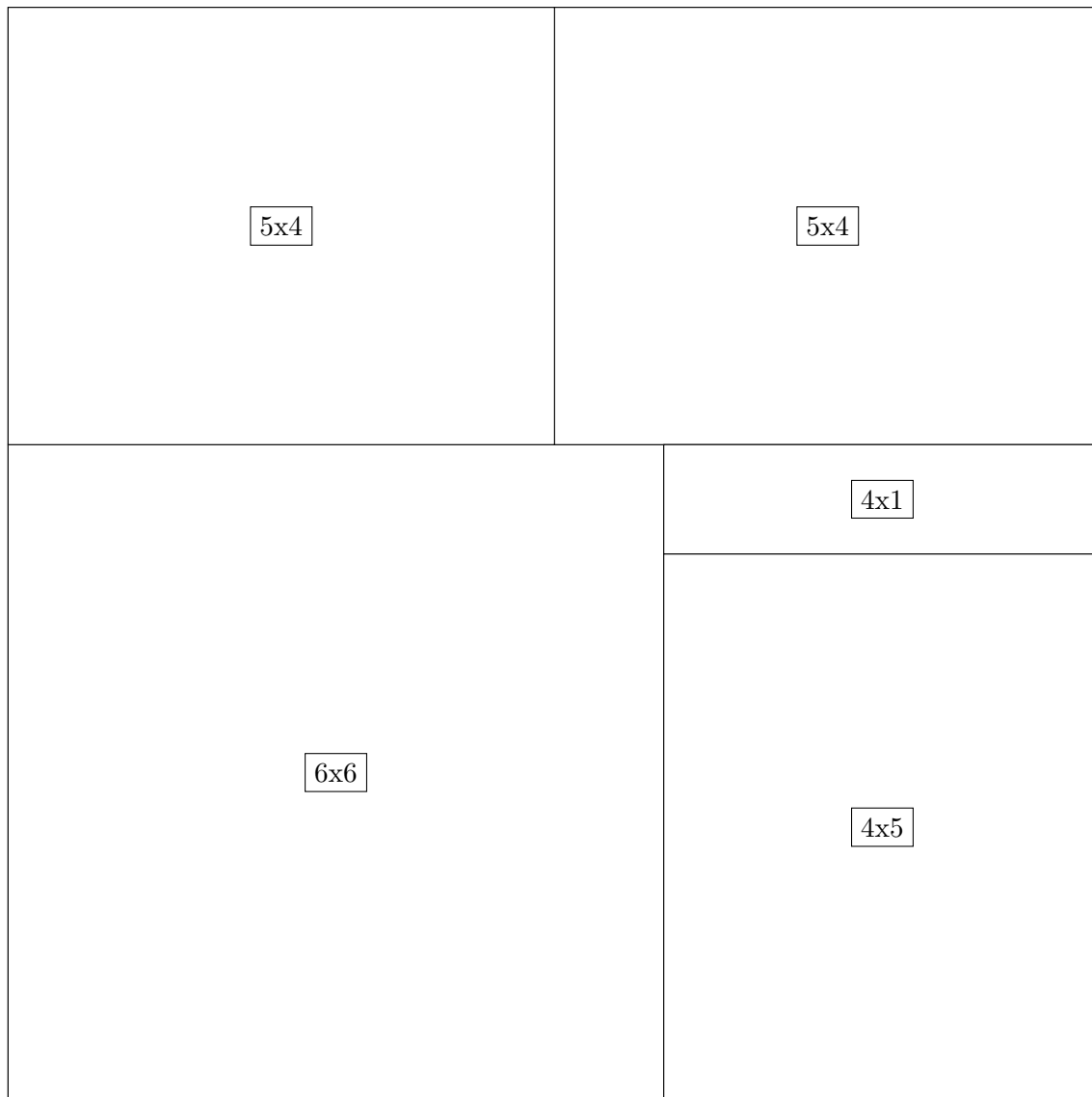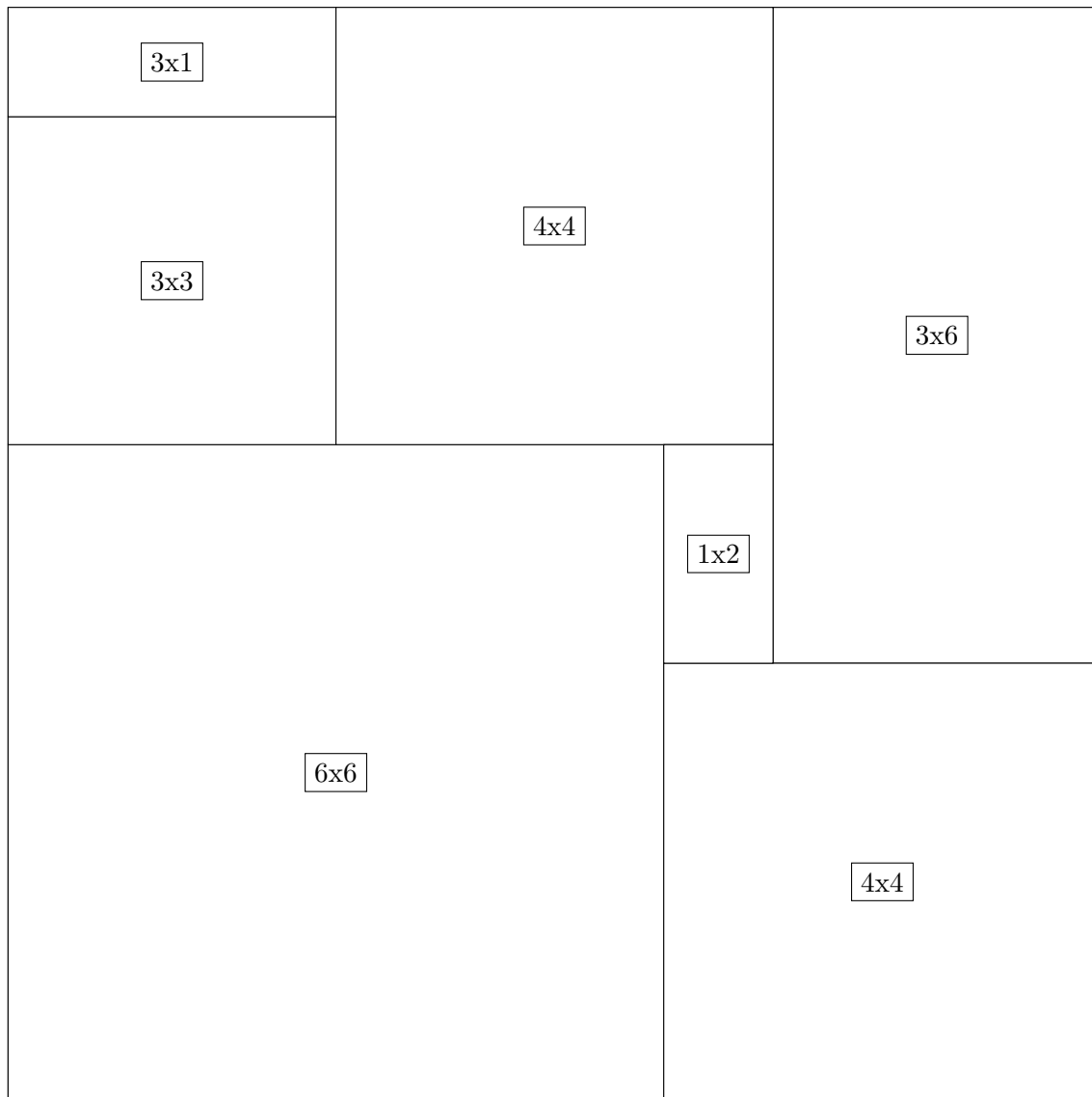w =4 , h =1 , x =6 , y =5 , v =4

3x1

4x4

3x3

3x6

1x2

6x6

4x4

w =6 , h =6 , x =0 , y =0 , v =36
w =3 , h =6 , x =7 , y =4 , v =18
w =4 , h =4 , x =6 , y =0 , v =16
w =4 , h =4 , x =3 , y =6 , v =16
w =3 , h =3 , x =0 , y =6 , v =9
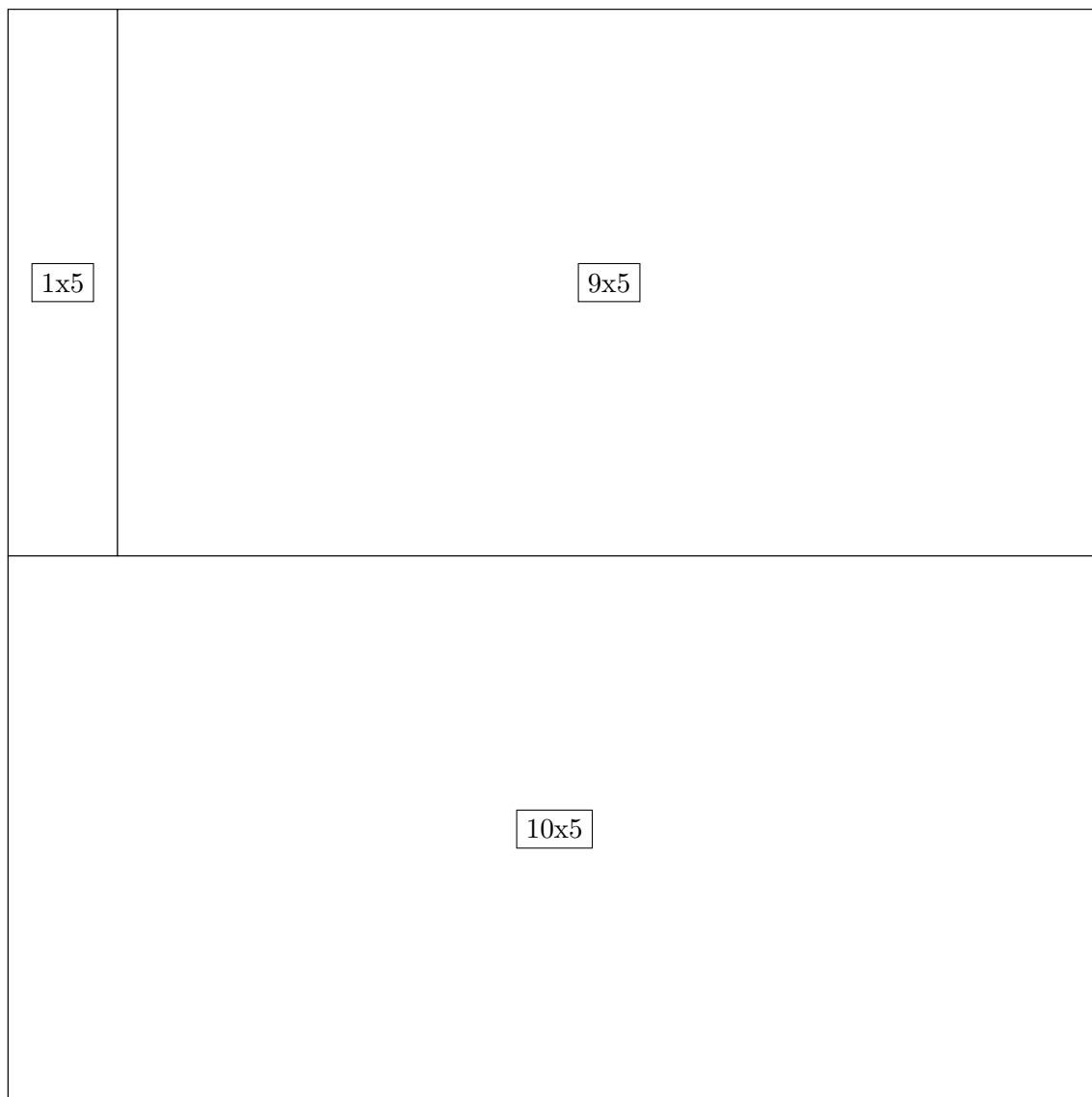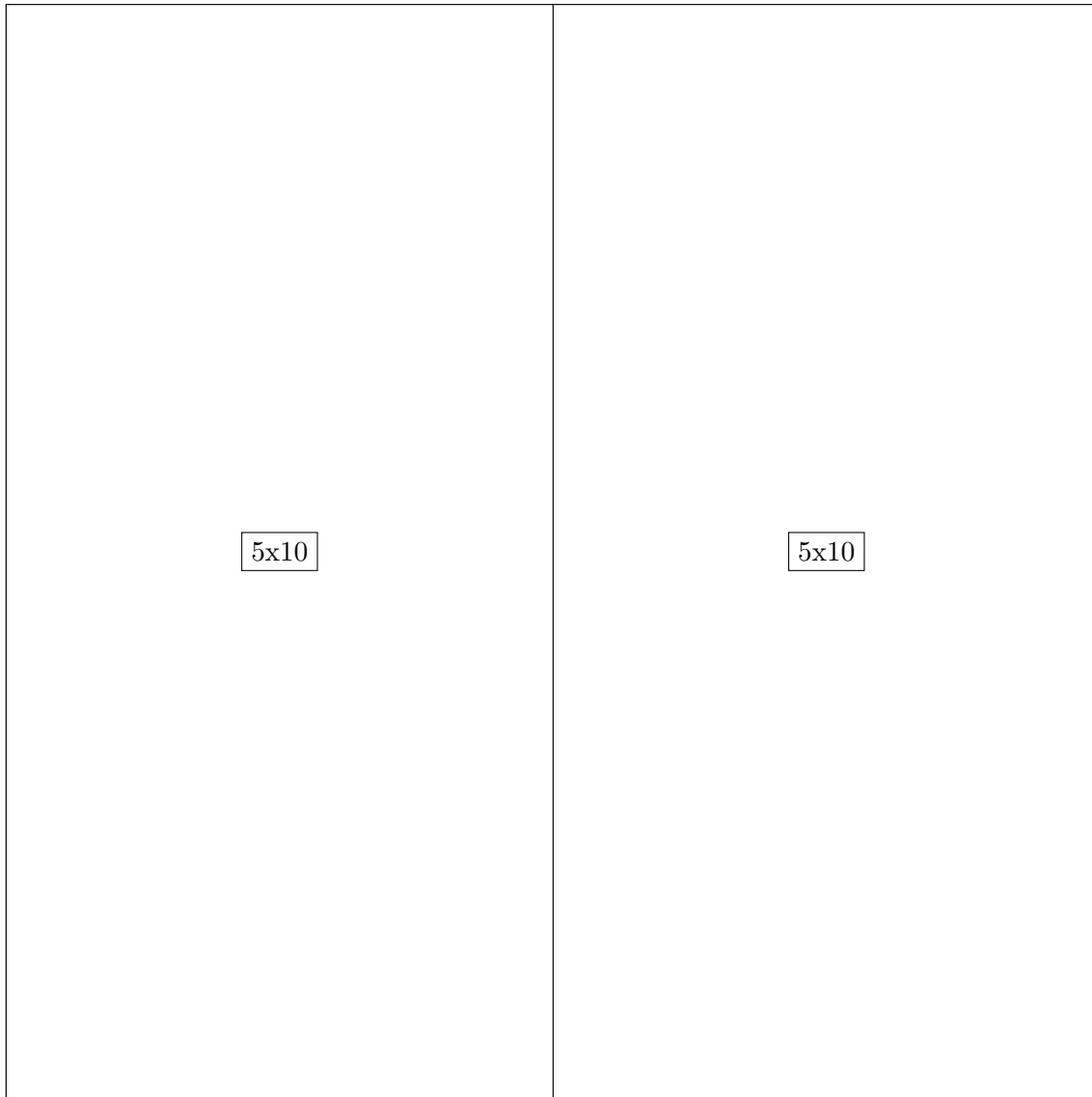w =3 , h =1 , x =0 , y =9 , v =3
w =1 , h =2 , x =6 , y =4 , v =2
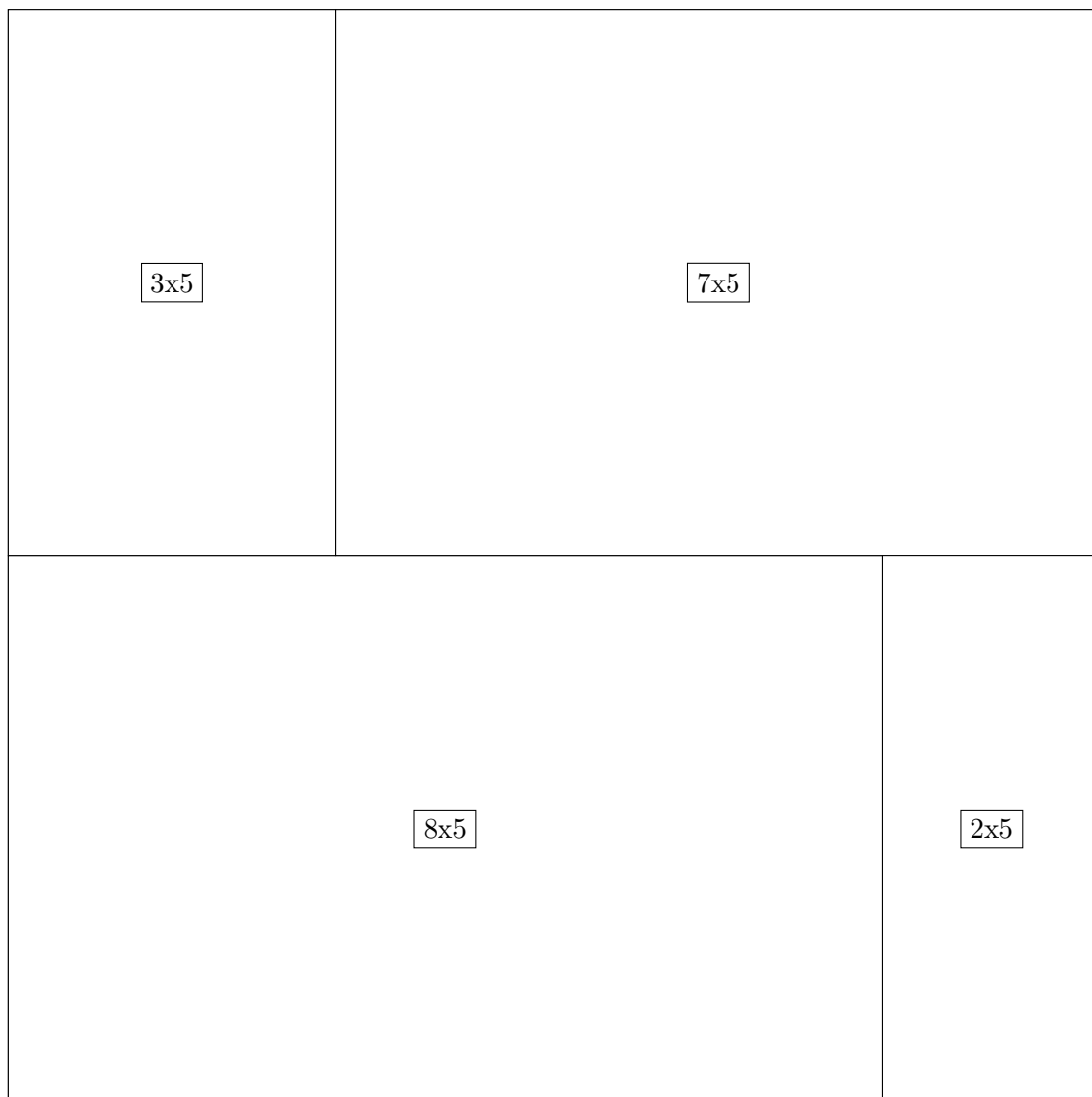
1x5	9x5

10x5

w =10 , h =5 , x =0 , y =0 , v =50
w =9 , h =5 , x =1 , y =5 , v =45
w =1 , h =5 , x =0 , y =5 , v =5

5x10

5x10

w =5 , h =10 , x =5 , y =0 , v =50
w =5 , h =10 , x =0 , y =0 , v =50

```
┌──────────┬───────────────────────┐
│          │                       │
│          │                       │
│          │                       │
│   3x5    │         7x5           │
│          │                       │
│          │                       │
│          │                       │
├──────────┴──────────────┬────────┤
│                         │        │
│                         │        │
│          8x5            │   2x5  │
│                         │        │
│                         │        │
└─────────────────────────┴────────┘
```
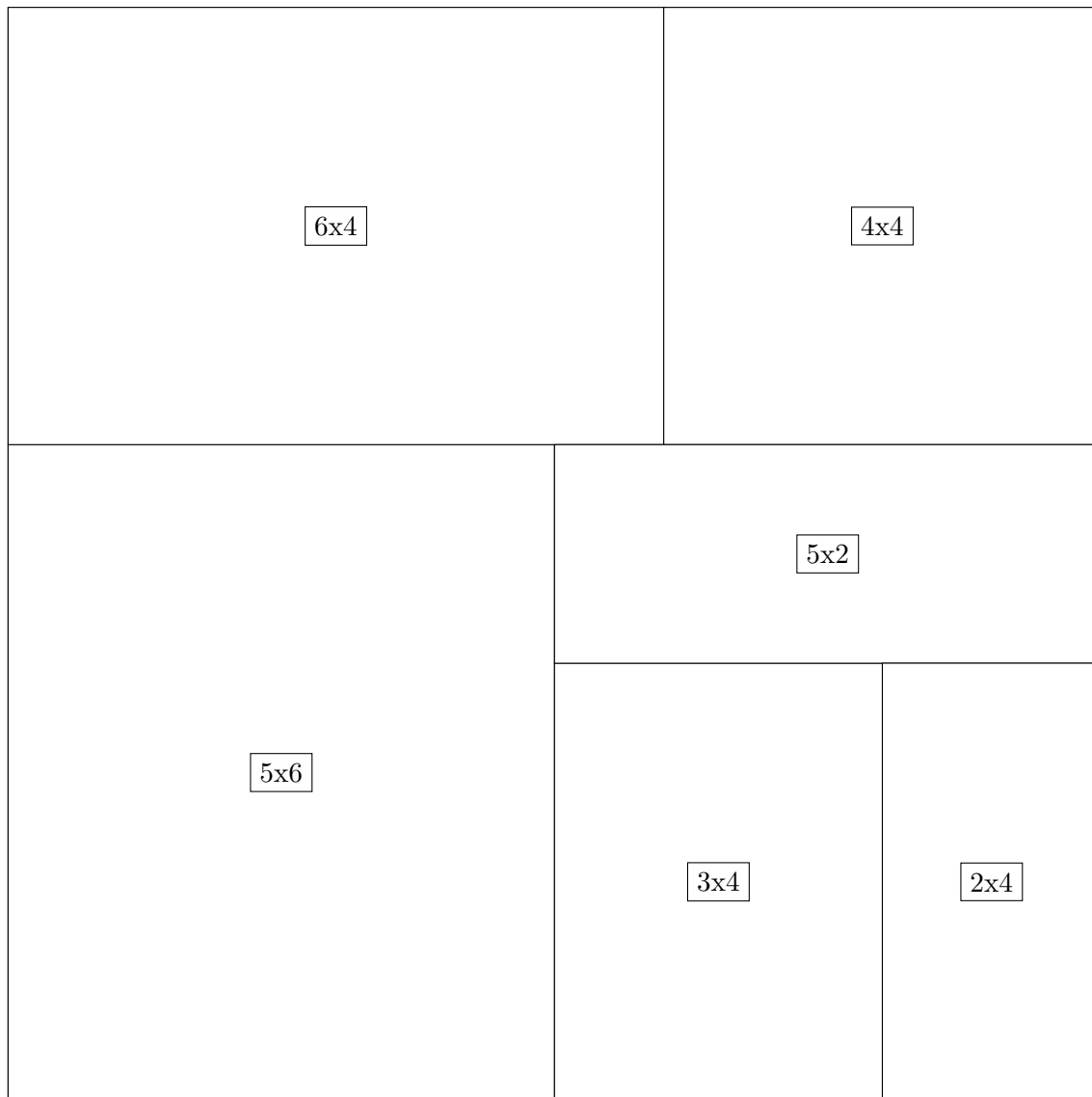
w =8 , h =5 , x =0 , y =0 , v =40
w =7 , h =5 , x =3 , y =5 , v =35
w =3 , h =5 , x =0 , y =5 , v =15
w =2 , h =5 , x =8 , y =0 , v =10

6x4

4x4

5x2

5x6

3x4

2x4

w =5 , h =6 , x =0 , y =0 , v =30
w =6 , h =4 , x =0 , y =6 , v =24
w =4 , h =4 , x =6 , y =6 , v =16
w =3 , h =4 , x =5 , y =0 , v =12
w =5 , h =2 , x =5 , y =4 , v =10
w =2 , h =4 , x =8 , y =0 , v =8

5x9

3x9

2x4

2x6

w =5 , h =9 , x =0 , y =0 , v =45
w =3 , h =9 , x =5 , y =0 , v =27
w =2 , h =6 , x =8 , y =0 , v =12
w =2 , h =4 , x =8 , y =6 , v =8

5x2

1x5

3x9

3x8

2x7

2x5

w =3 , h =9 , x =0 , y =0 , v =27
w =2 , h =7 , x =3 , y =0 , v =14
w =3 , h =8 , x =5 , y =0 , v =24
w =5 , h =2 , x =3 , y =8 , v =10
w =2 , h =5 , x =8 , y =0 , v =10
w =1 , h =5 , x =9 , y =5 , v =5