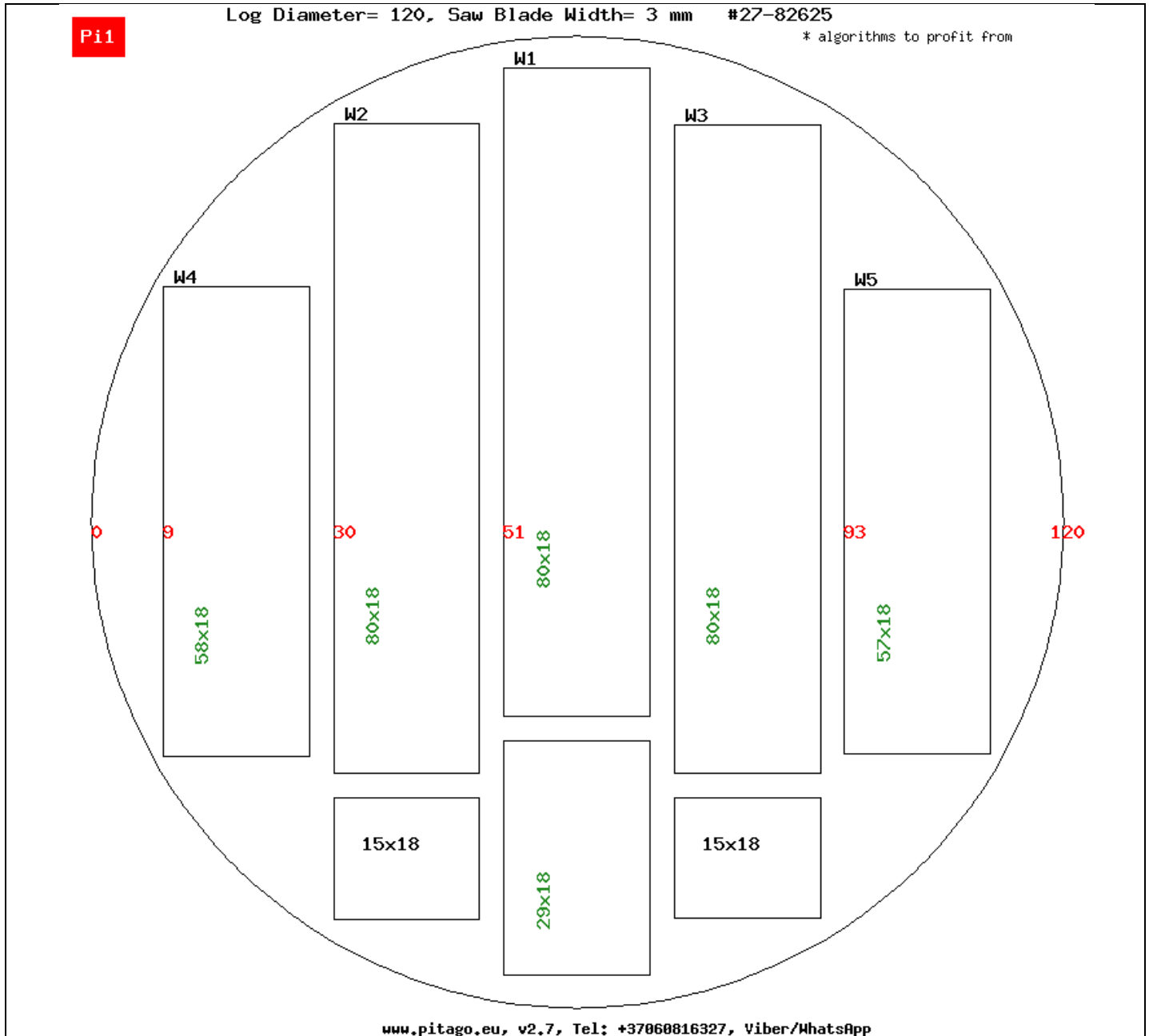


Log top end diameter: 120mm, 140mm, 160mm

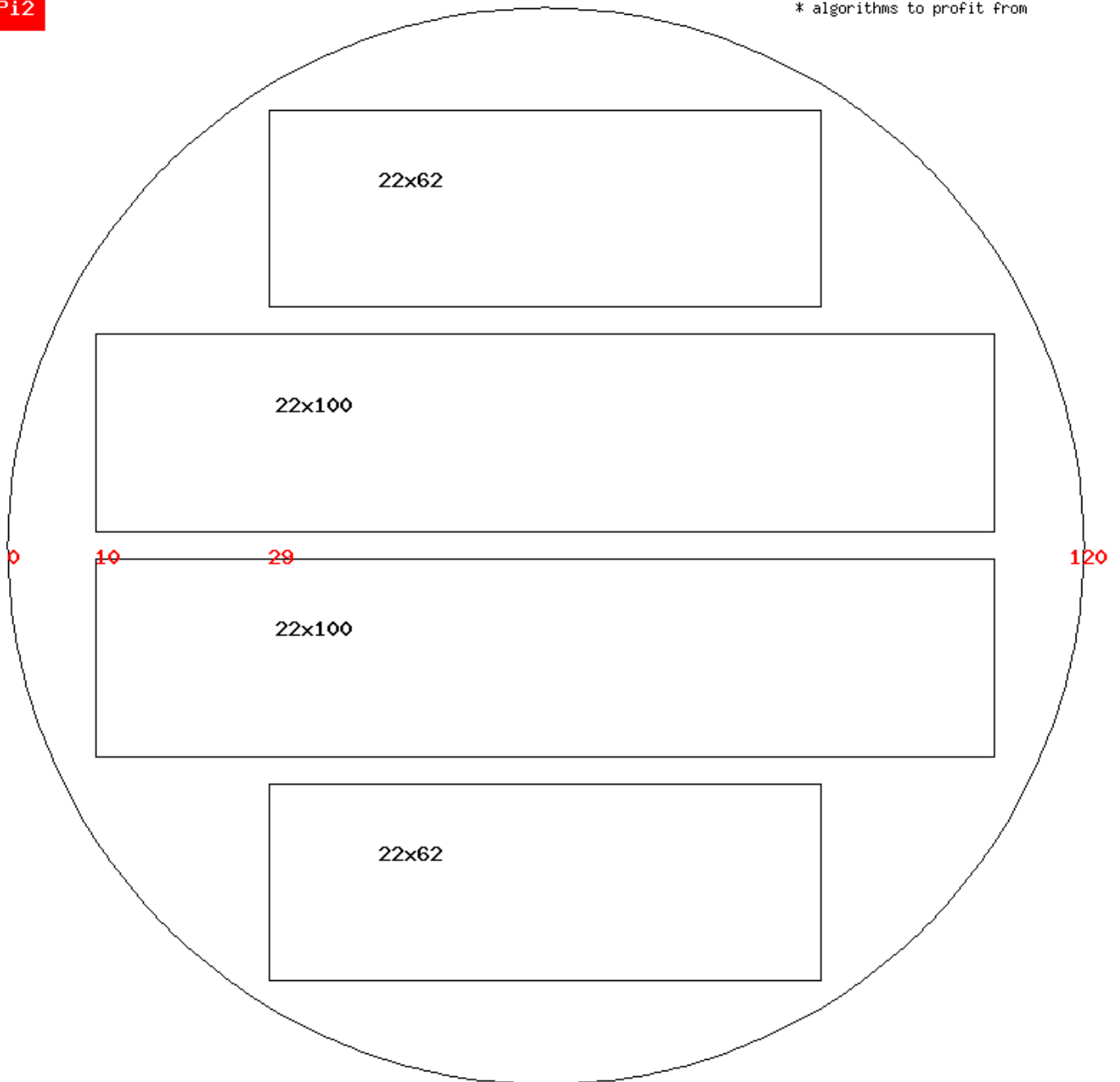
Desk sizes: 18x80mm, 18x120mm, 18x135mm, 22x100mm, 80x80mm

Please consider the below as a sample. The real production output depends on many additional factors that were not estimated here.



Timber list

Timber Code	Thickness, mm	Width, mm	Lenght, mm	Qty pcs.	Volume of a piece, m ³	Volume, m ³	Yield, %	Price
L1	18	80	6000	3	0.009	0.027	25.1	0
L2	18	29	6000	1	0.003	0.003	2.8	0
L3	18	58	6000	1	0.006	0.006	5.6	0
L4	18	57	6000	1	0.006	0.006	5.6	0
L5	15	18	6000	2	0.002	0.004	3.7	0
Total				8		0.046	42.8	0
Waste						0.0614	57.2	0
Log						0.1074	100	0



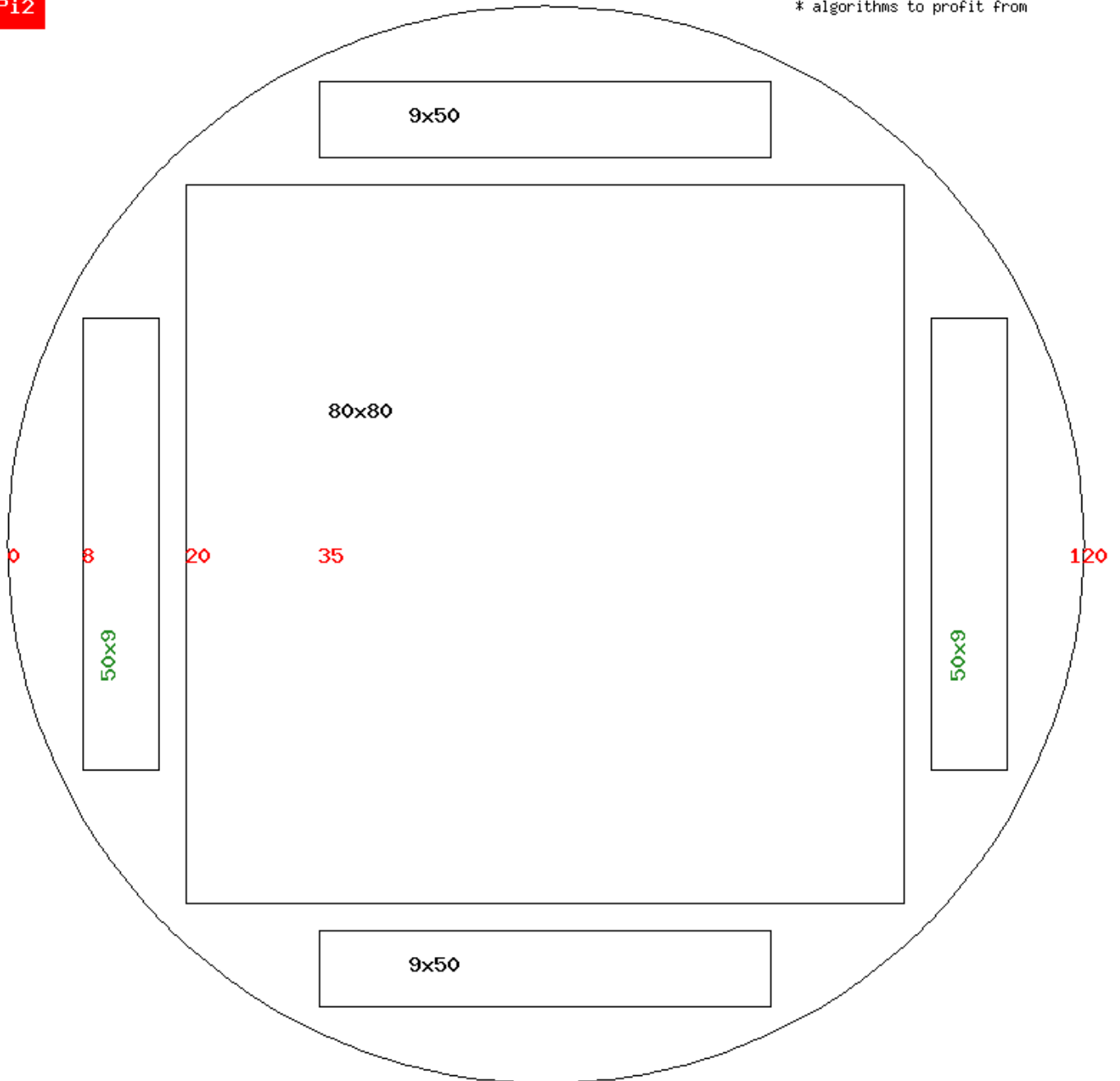
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Timber list

Timber Code	Thickness, mm	Width, mm	Lenght, mm	Qty pcs.	Volume of a piece, m ³	Volume, m ³	Yield, %	Price
L1	22	100	6000	2	0.013	0.026	24.2	0
L2	22	62	6000	2	0.008	0.016	14.9	0
Total				4		0.042	39.1	0
Waste						0.0654	60.9	0
Log						0.1074	100	0

We calculate timber cutting patterns

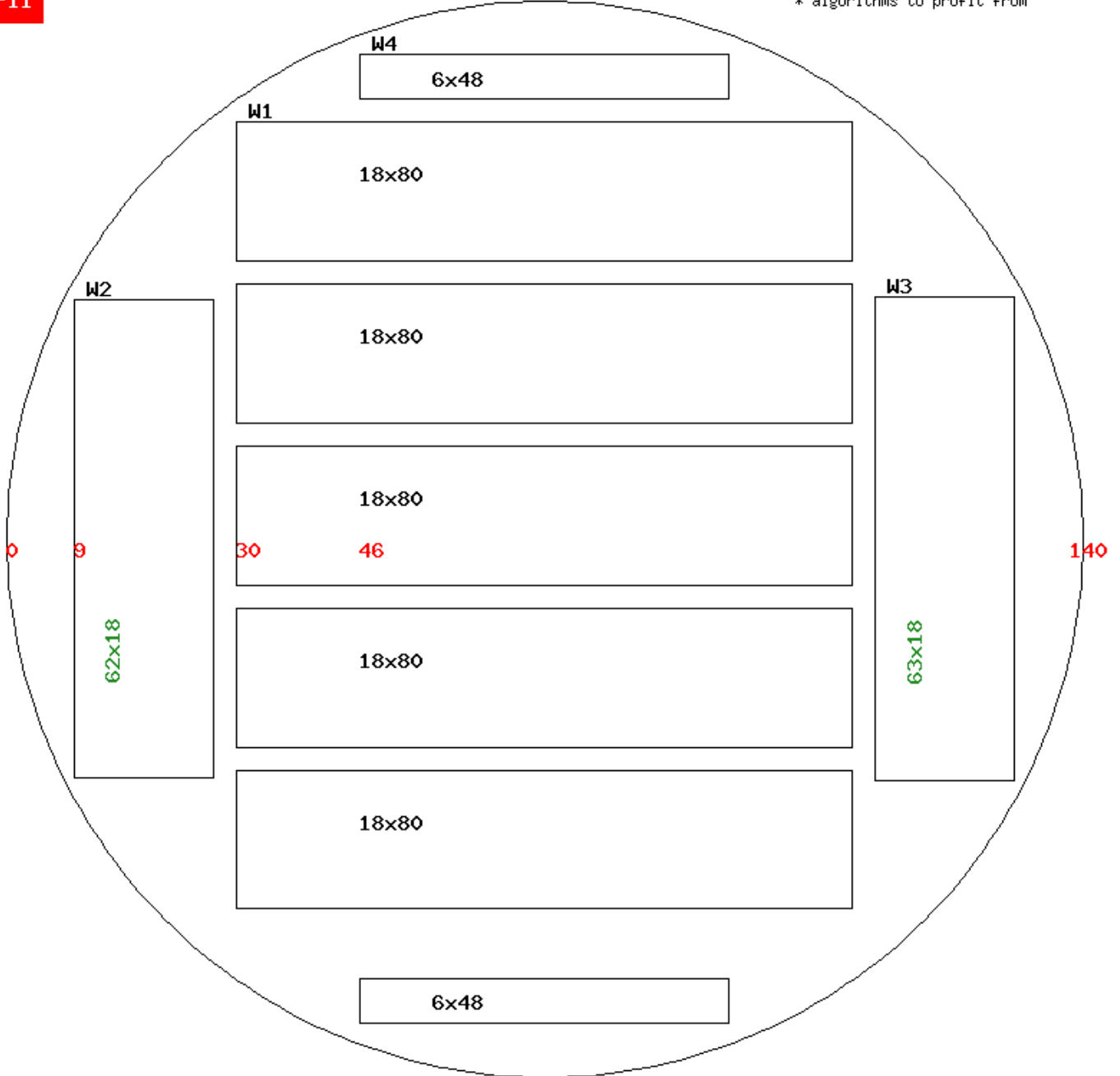
info@pitago.eu www.pitago.eu



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Timber list

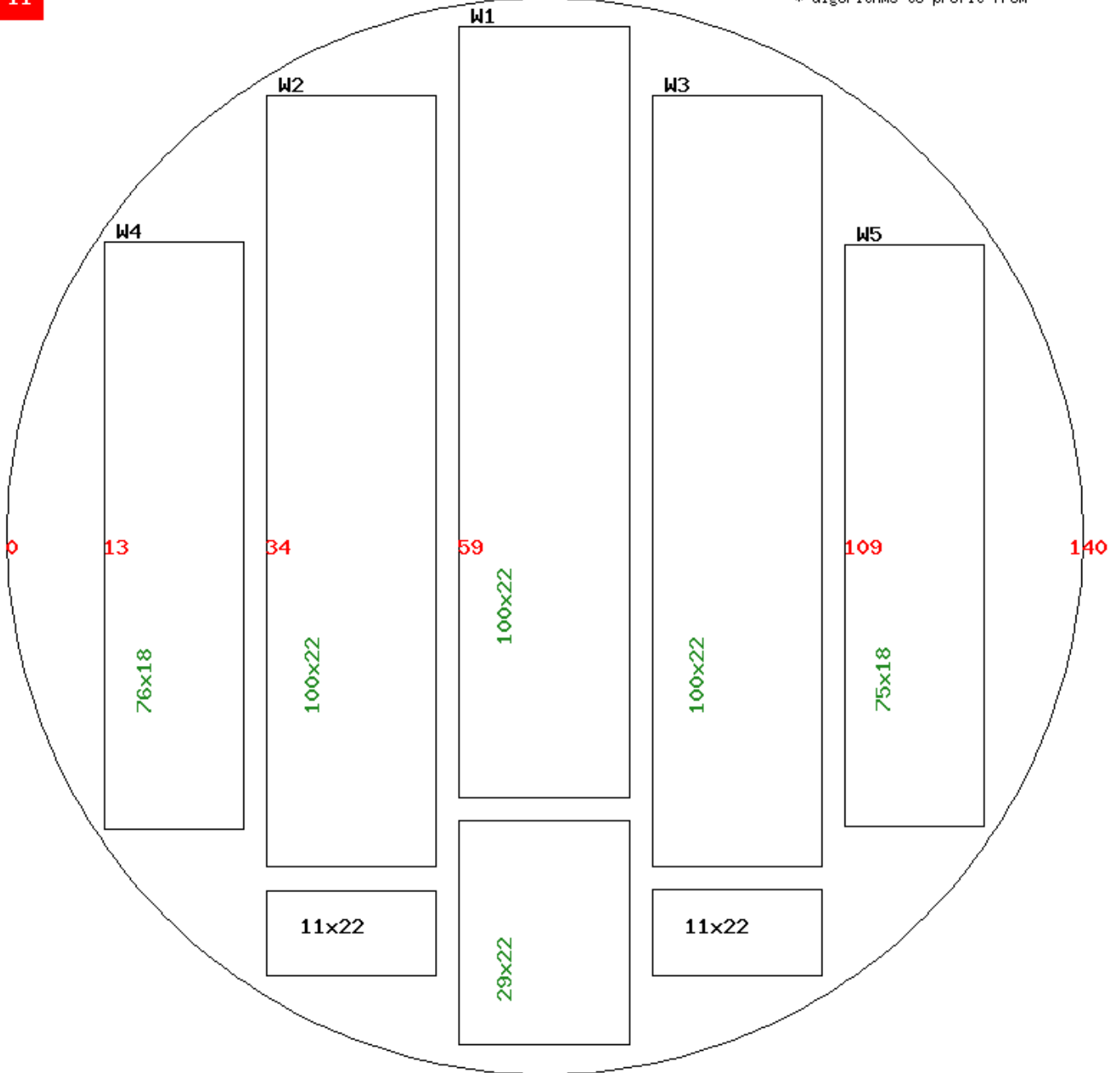
Timber Code	Thickness, mm	Width, mm	Lenght, mm	Qty pcs.	Volume of a piece, m ³	Volume, m ³	Yield, %	Price
L1	80	80	6000	1	0.038	0.038	35.4	0
L2	8	50	6000	4	0.002	0.008	7.4	0
Total				5		0.046	42.8	0
Waste						0.0614	57.2	0
Log						0.1074	100	0



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Timber list

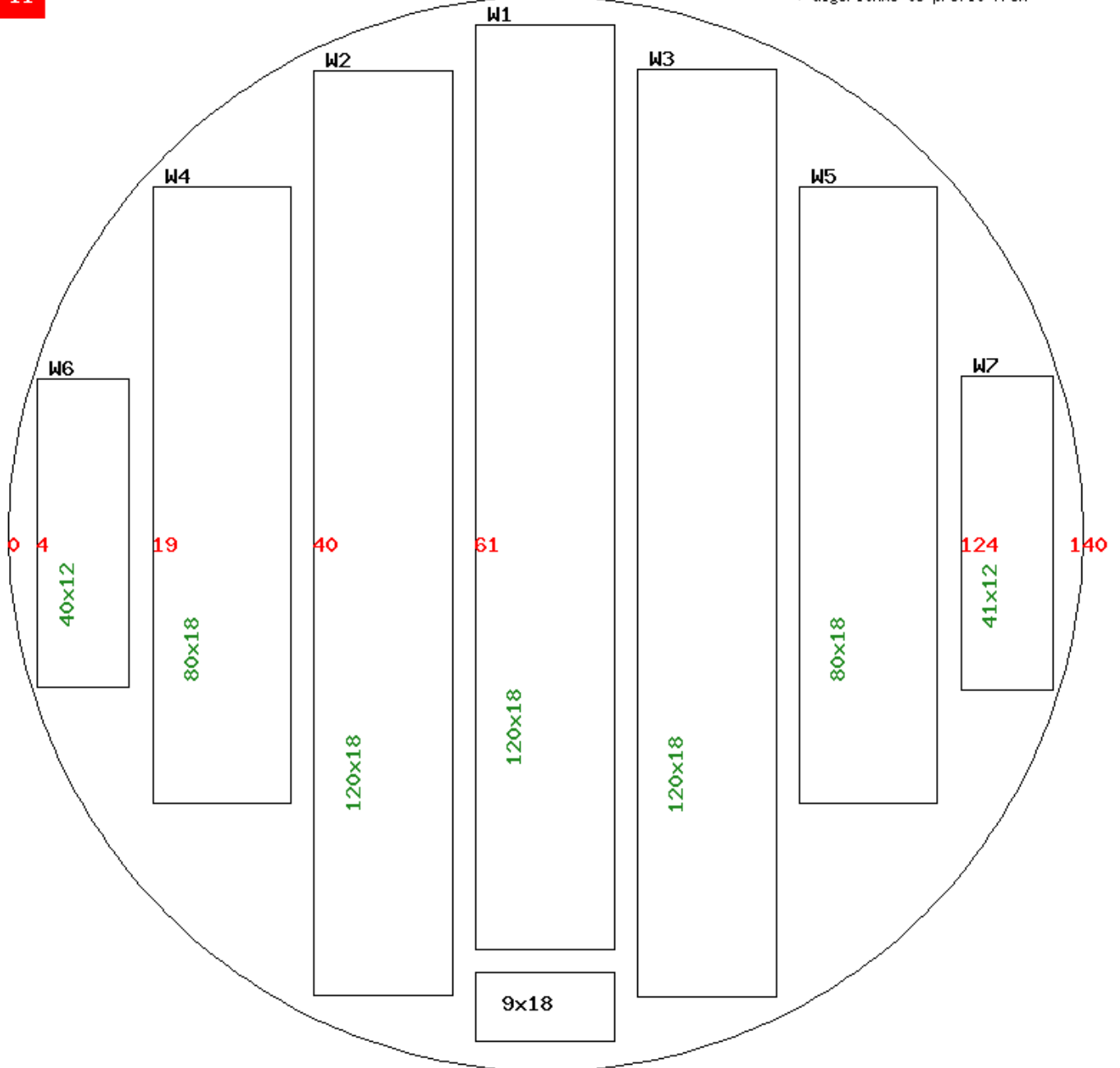
Timber Code	Thickness, mm	Width, mm	Lenght, mm	Qty pcs.	Volume of a piece, m ³	Volume, m ³	Yield, %	Price
L1	18	80	6000	5	0.009	0.045	32.7	0
L2	18	62	6000	1	0.007	0.007	5.1	0
L3	18	63	6000	1	0.007	0.007	5.1	0
L4	6	48	6000	2	0.002	0.004	2.9	0
Total				9		0.063	45.8	0
Waste						0.0746	54.2	0
Log						0.1376	100	0



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Timber list

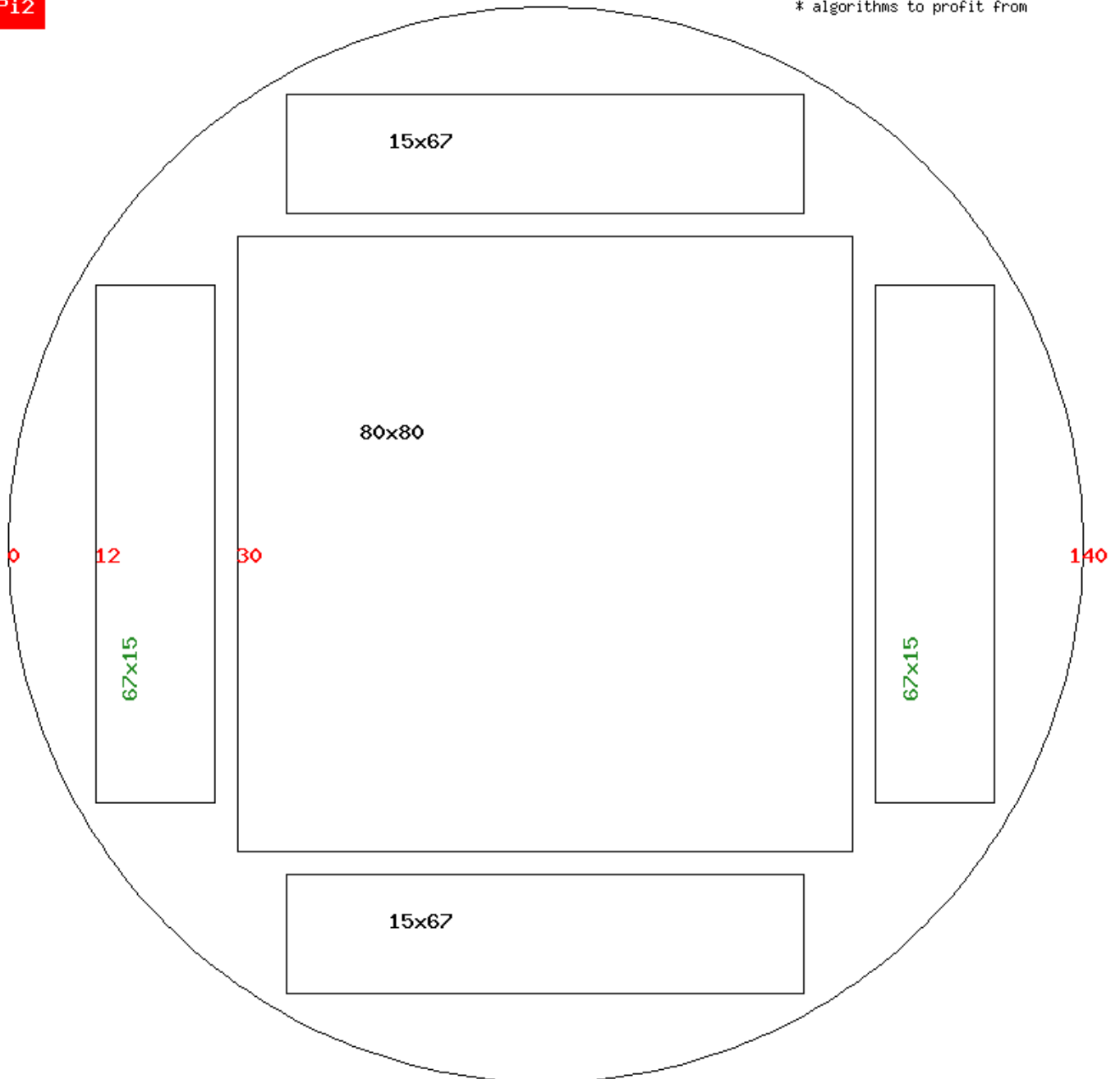
Timber Code	Thickness, mm	Width, mm	Lenght, mm	Qty pcs.	Volume of a piece, m ³	Volume, m ³	Yield, %	Price
L1	22	100	6000	3	0.013	0.039	28.3	0
L2	22	29	6000	1	0.004	0.004	2.9	0
L3	11	22	6000	2	0.001	0.002	1.5	0
L4	18	76	6000	1	0.008	0.008	5.8	0
L5	18	75	6000	1	0.008	0.008	5.8	0
Total				8		0.061	44.3	0
Waste						0.0766	55.7	0
Log						0.1376	100	0



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Timber list

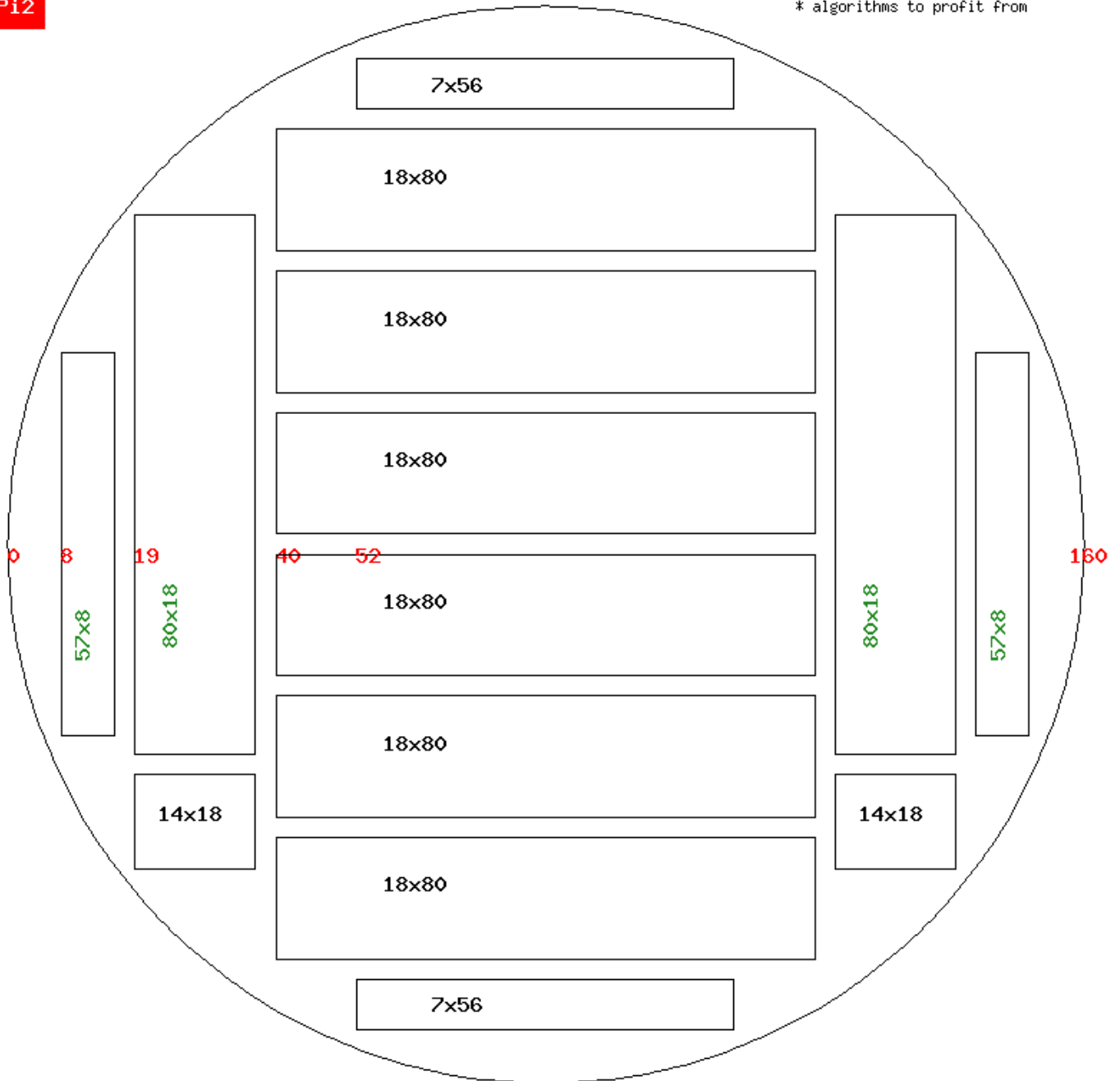
Timber Code	Thickness, mm	Width, mm	Lenght, mm	Qty pcs.	Volume of a piece, m ³	Volume, m ³	Yield, %	Price
L1	18	120	6000	2	0.013	0.026	18.9	0
L2	18	120	6000	1	0.013	0.013	9.4	0
L3	18	80	6000	2	0.009	0.018	13.1	0
L4	9	18	6000	1	0.001	0.001	0.7	0
L5	12	40	6000	1	0.003	0.003	2.2	0
L6	12	41	6000	1	0.003	0.003	2.2	0
Total				8		0.064	46.5	0
Waste						0.0736	53.5	0
Log						0.1376	100	0



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Timber list

Timber Code	Thickness, mm	Width, mm	Lenght, mm	Qty pcs.	Volume of a piece, m ³	Volume, m ³	Yield, %	Price
L1	80	80	6000	1	0.038	0.038	27.6	0
L2	15	67	6000	4	0.006	0.024	17.4	0
Total				5		0.062	45.1	0
Waste						0.0756	54.9	0
Log						0.1376	100	0



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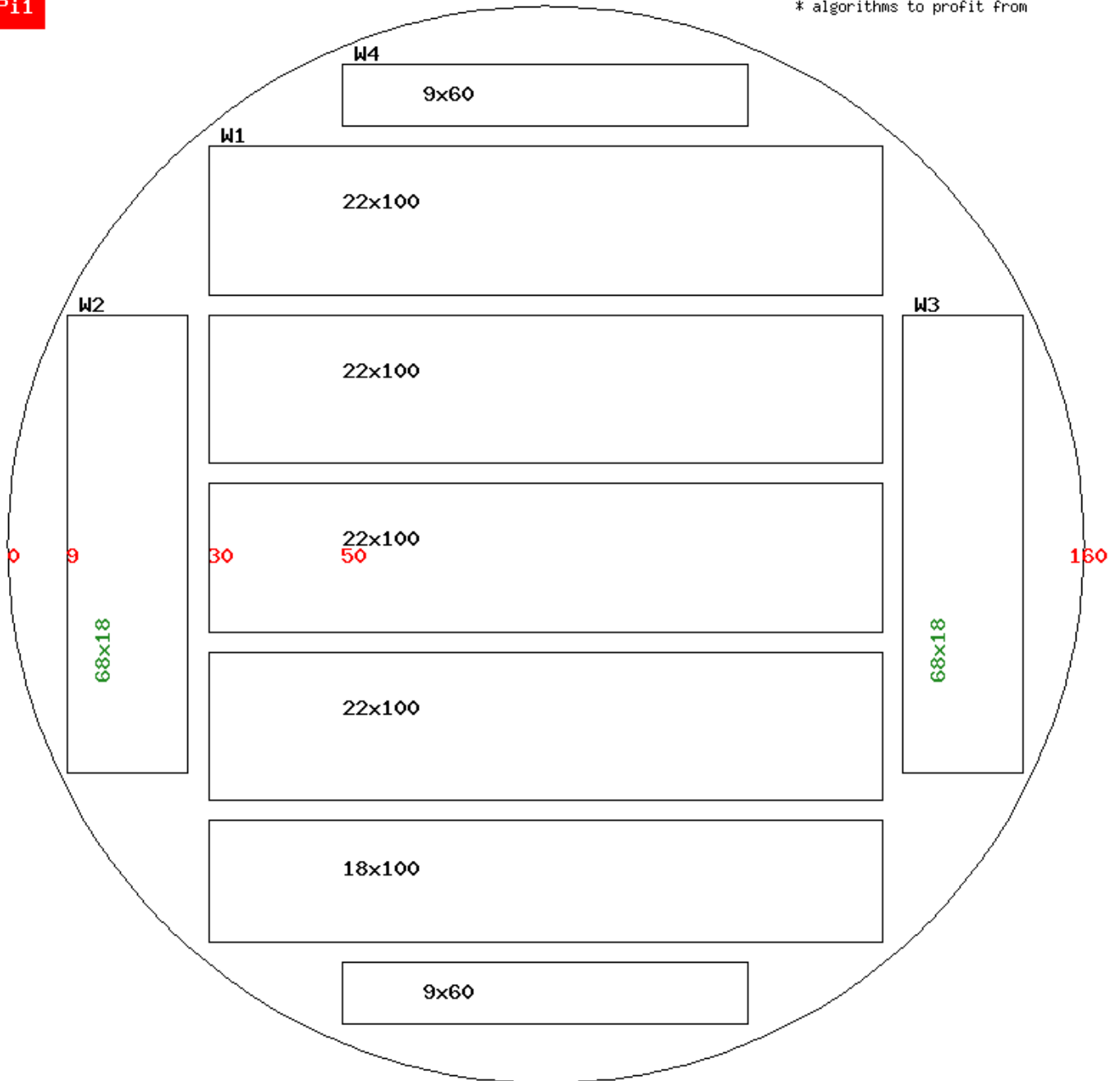
Timber list

Timber Code	Thickness, mm	Width, mm	Lenght, mm	Qty pcs.	Volume of a piece, m ³	Volume, m ³	Yield, %	Price
L1	18	80	6000	8	0.009	0.072	42	0
L2	7	56	6000	2	0.002	0.004	2.3	0
L3	14	18	6000	2	0.002	0.004	2.3	0
L4	8	57	6000	2	0.003	0.006	3.5	0
Total				14		0.086	50.1	0
Waste						0.0855	49.9	0
Log						0.1715	100	0

Pi1

Log Diameter= 160, Saw Blade Width= 3 mm #27-89252

* algorithms to profit from



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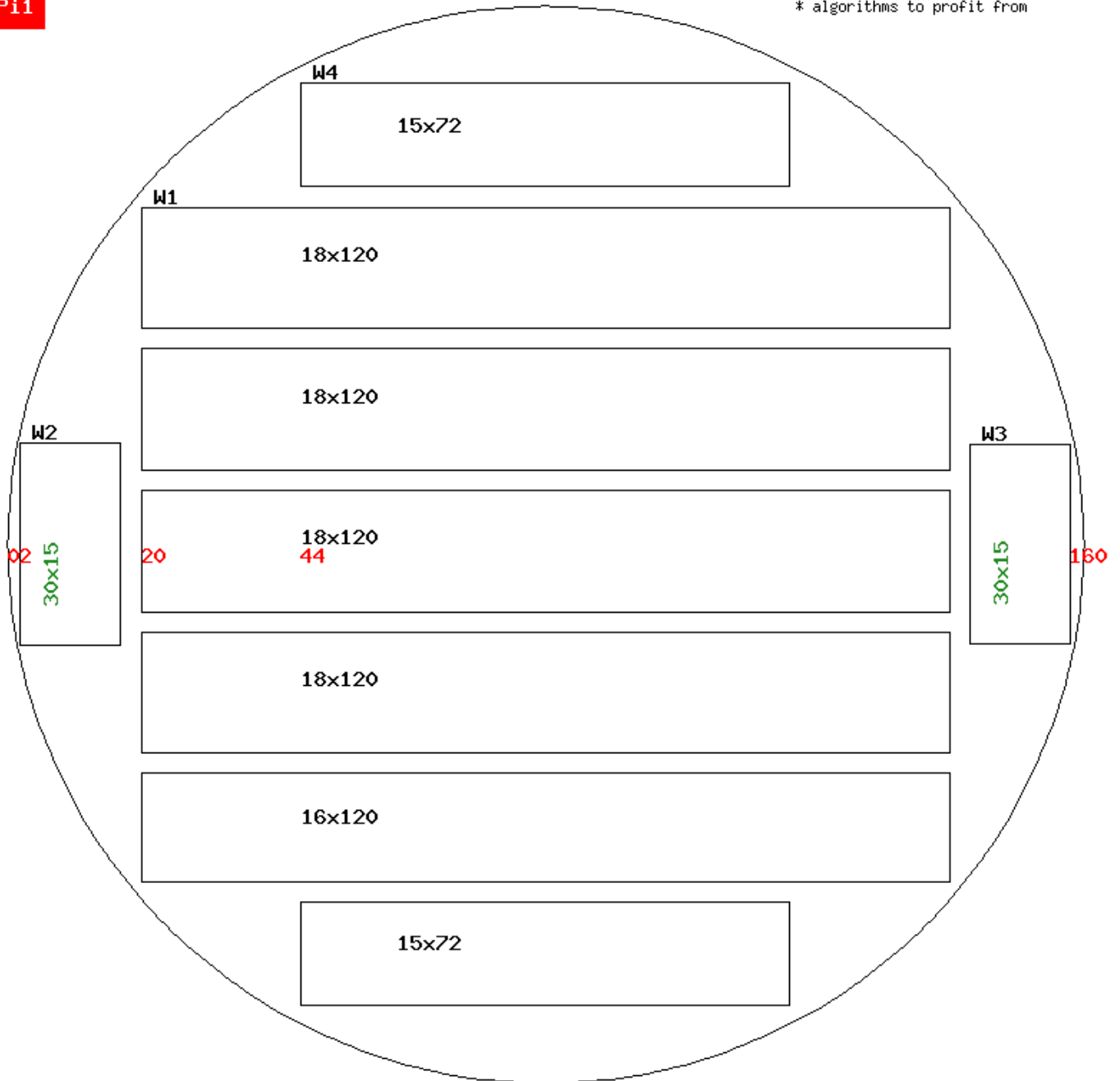
Timber list

Timber Code	Thickness, mm	Width, mm	Lenght, mm	Qty pcs.	Volume of a piece, m ³	Volume, m ³	Yield, %	Price
L1	22	100	6000	4	0.013	0.052	30.3	0
L2	18	100	6000	1	0.011	0.011	6.4	0
L3	18	68	6000	1	0.007	0.007	4.1	0
L4	18	68	6000	1	0.007	0.007	4.1	0
L5	9	60	6000	2	0.003	0.006	3.5	0
Total				9		0.083	48.4	0
Waste						0.0885	51.6	0
Log						0.1715	100	0

Pi1

Log Diameter= 160, Saw Blade Width= 3 mm #27-89491

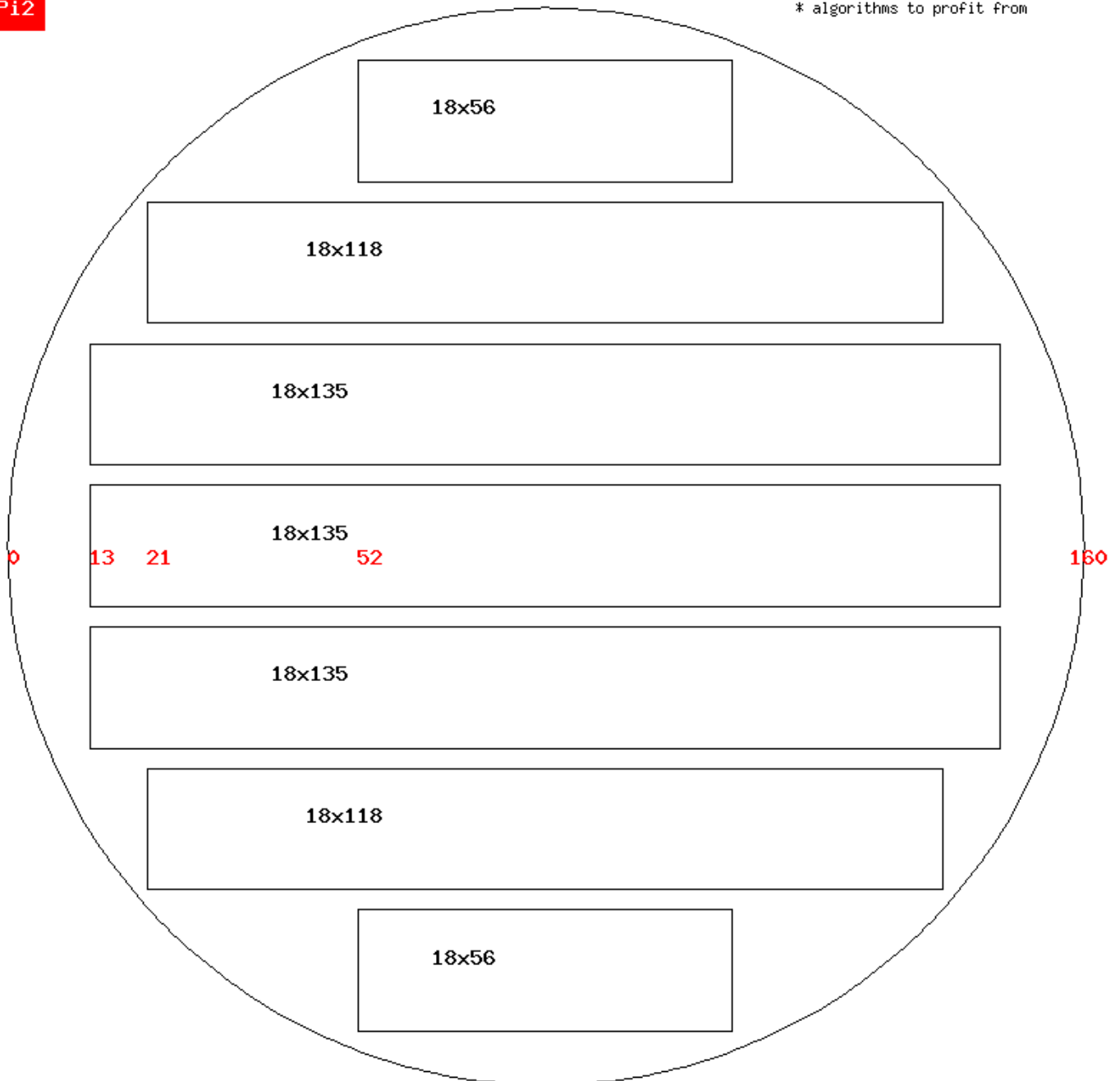
* algorithms to profit from



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Timber list

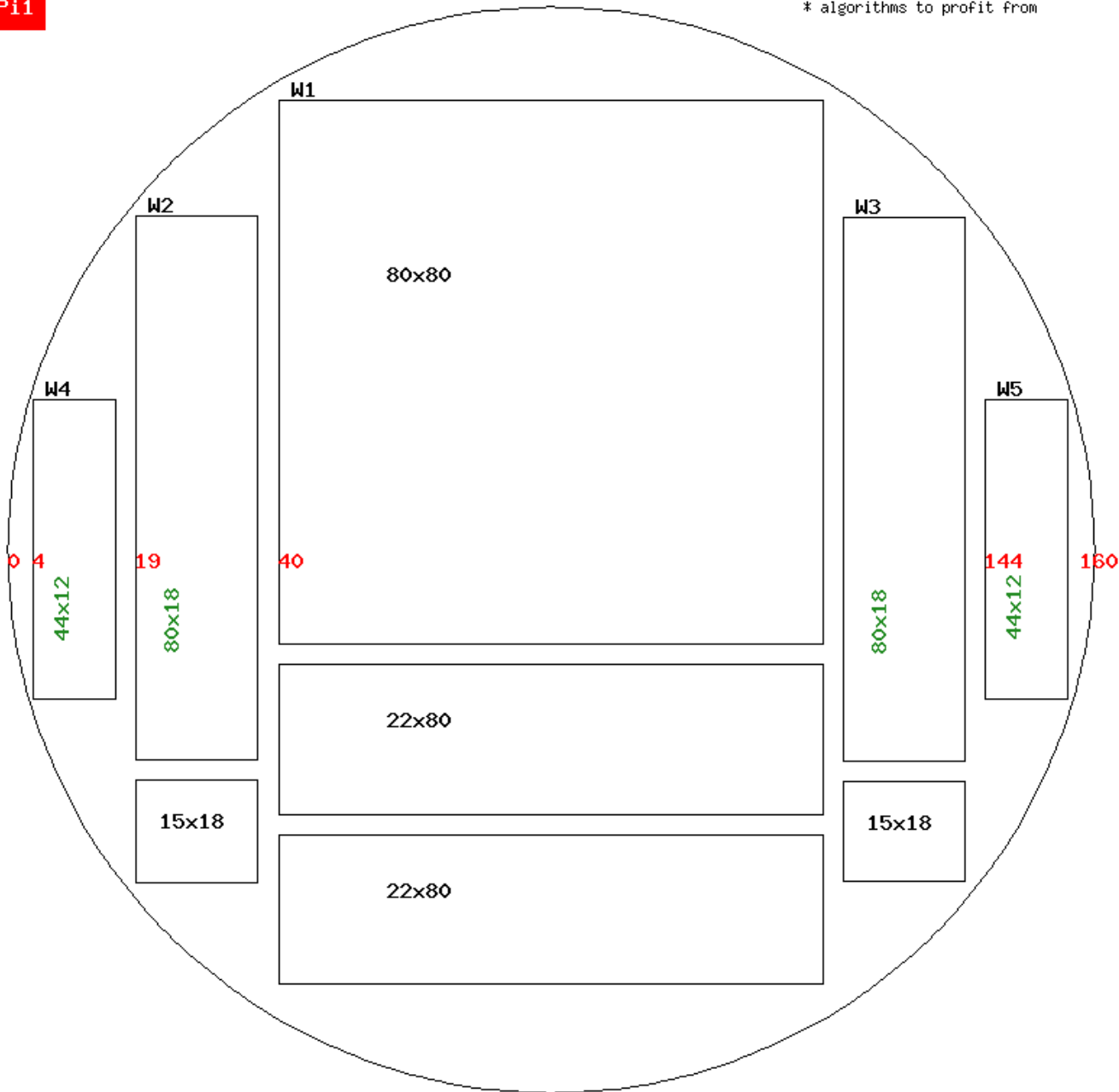
Timber Code	Thickness, mm	Width, mm	Lenght, mm	Qty pcs.	Volume of a piece, m ³	Volume, m ³	Yield, %	Price
L1	18	120	6000	4	0.013	0.052	30.3	0
L2	16	120	6000	1	0.012	0.012	7	0
L3	15	30	6000	1	0.003	0.003	1.7	0
L4	15	30	6000	1	0.003	0.003	1.7	0
L5	15	72	6000	2	0.006	0.012	7	0
Total				9		0.082	47.8	0
Waste						0.0895	52.2	0
Log						0.1715	100	0



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Timber list

Timber Code	Thickness, mm	Width, mm	Lenght, mm	Qty pcs.	Volume of a piece, m ³	Volume, m ³	Yield, %	Price
L1	18	135	6000	3	0.015	0.045	26.2	0
L2	18	118	6000	2	0.013	0.026	15.2	0
L3	18	56	6000	2	0.006	0.012	7	0
Total				7		0.083	48.4	0
Waste						0.0885	51.6	0
Log						0.1715	100	0



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Timber list

Timber Code	Thickness, mm	Width, mm	Lenght, mm	Qty pcs.	Volume of a piece, m ³	Volume, m ³	Yield, %	Price
L1	80	80	6000	1	0.038	0.038	22.2	0
L2	22	80	6000	2	0.011	0.022	12.8	0
L3	18	80	6000	2	0.009	0.018	10.5	0
L4	15	18	6000	1	0.002	0.002	1.2	0
L5	14	18	6000	1	0.002	0.002	1.2	0
L6	12	44	6000	2	0.003	0.006	3.5	0
Total				9		0.088	51.3	0
Waste						0.0835	48.7	0
Log						0.1715	100	0

Please consider the above as a sample. The real production output depends on many additional different factors that were not estimated over here.

