

Supplemental Math for D - Line

What is the total volume of the following pieces of wood?

10pcs – 1"x4"x10'

15pcs – 2"x4"x8'

6pcs – 2"x10"x12'

Using standard rounding rules, calculate the number of board feet in a softwood board measuring $\frac{3}{4}$ " thick, 7" wide and 16' long.

Using standard rounding rules, calculate the number of board feet in a hardwood board measuring $2\frac{1}{8}$ " thick, 6" wide and 14' long.

Estimate the number of 1220mm x 2440mm sheets of plywood required for the following job.

#1 – 4pcs 19mm x 300mm x 600mm

#2 – 8pcs 19mm x 500mm x 500mm

#3 – 10pcs 19mm x 300mm x 800mm

Calculate the percentage of waste for the above question.

Calculate the volume of the following stack of lumber.

10pcs – 19mm x 25mm x 4.5m

15pcs – 19mm x 50mm x 5.0m

At a price of \$150 per cubic meter, what will be the total cost of the stack of lumber in the above question?

Calculate the linear measure of the following stack of lumber

15pcs – 2"x10"x12'

10pcs – 1"x6"x16'

5pcs – 2"x4"x10'

Calculate the linear run of 38mm x 89mm material that could be obtained from a stack of lumber with a volume of 7.50 cubic meters.

If 5 cubic meters of 25mm x 155mm lumber is to be machined into 19mm x 140mm stock, what will be the percentage of waste?