

# Testing the hardness of wood

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# You will need:

- 6 small wooden tables
- oak
- pine
- plum
- bamboo
- birch
- ash);
- a heavy metal bar or rod;
- a depth gauge.



# Workflow:

- Arrange the 6 wooden tables in a row;
- From a height of 1 metre, throw a metal rod or a pellet (I chose the rod) at the tables;

Measure the depth of the hole made in the wood.



# Results:

1. Oak - 1.1 mm.



2. Pine - 2,2 mm.



3. Plum - 1,0 mm.



4. Bamboo - 1,2 mm.



5. Birch - 1,6 mm.



6. Ash - 0,9 mm.



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## Conclusion:

According to the results, the hardest tree is ash (0.9 mm) and the softest is pine (2.2 mm).

THE PINE TREE



THE ASH TREE

