

Carpentry



1. Describe the function of the following tools:
 - a. Band saw
 - b. Belt sander
 - c. Jig saw
 - d. Miter saw
 - e. Radial arm saw
 - f. Router
 - g. Shaper
 - h. Wood lathe

2. Demonstrate how to use the following tools:
 - a. Block plane
 - b. Circular saw (cut a straight line)
 - c. Framing square
 - d. Hammer
 - e. Hand saw (cut a straight line)
 - f. Level
 - g. Measuring Tape
 - h. Nail set
 - i. Plumb bob
 - j. Wood chisel

3. Describe the use of and distinguish between the following types of nails:
 - a. 20 penny
 - b. 16 penny
 - c. 12 penny
 - d. 8 penny
 - e. 6 penny
 - f. Finish
 - g. Brad
 - h. Roofing
 - i. Screw nail
 - j. Sinker
 - k. Common
 - l. Galvanized

4. Assist in erecting a frame building not less than 6 x 8 feet (1.8 meters x 2.4 meters) in ground dimensions, with a gable roof, and with at least one door and one window, demonstrating ability to measure and use of tools form requirement 2.

5. When building the above project, use all of these features:
 - a. Floor joist
 - b. Sub floor
 - c. Shoe plate
 - d. Top plate
 - e. Double plate
 - f. Conventional roof or trusses
 - g. Felt roof
 - h. Shingles
 - i. Window with weight-bearing header
 - j. Door with weight-bearing header
 - k. Fascia on eaves
 - l. Siding

Note: Participants must be 16 years and older to use power tools.

Skill Level 2

Original Honor 1929

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