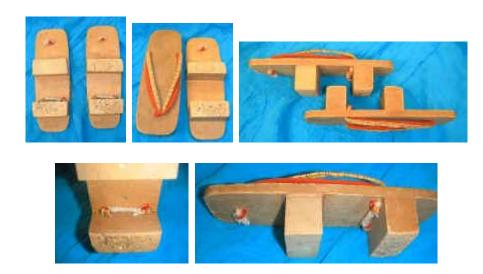
How to make wooden shoes for survival: (not in any real order)

### **First Source:**

### Make your own Geta (Japanese wooden shoes):

Geta are Japanese sandals made of wood that have little risers ("ha") on the bottoms that keep the feet out of the wet. They are surprisingly comfortable, and take a very short amount of time to learn to walk in.

http://www.costumes.org/classes/254pages/projects/geta.htm



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### **Second Source:**

### **How to make Japanese wooden shoes:**



http://www.shoeshoeonline.com/how-to-make-japanese-wooden-shoes

If you'd like to make Japanese shoes your own, follow the guide below and learn how to make Japanese wooden shoes in 3 simple steps.

1. Getting started. For less-experienced woodworkers, these wooden shoes, in their most basic form, can be made from three pieces of poplar or other wood and a length of strong, thin rope. The result looks like a cross between clogs and flip-flops and makes a characteristic 'clack-clack' sound when worn. First step, you need measure your feet. Put the heel of your foot on the end of a ruler and record the length of your longest toe. Add 1/2 inch to this measurement. This is the length of your shoe's sole. Measure your foot across the widest point. Multiply this measurement by 1 1/2. It will be the width of your sole. Measure both feet to be sure they require the same size shoe. Mark the measurements of your foot onto a piece of wood with a pencil. Cut the blocks for the soles of your sandals using the cross cut saw. Round the corners with a coping saw or wood rasp. Rub with sandpaper until smooth.

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- 2. Determine the placement of the teeth. Calculate what 35 percent of the length of the sole would be. Measures the distance from the front of the sole then mark it with pencil. This is where the front tooth will be placed. Calculate 15 percent of the length of the sole. Measure this distance from the back of the sole and mark it in pencil. This is where the back tooth will be placed. Cut the pieces for the teeth. They should be 1 1/2 inches high and span the width of the sole. Glue the teeth into place and hold wood pieces together with bricks. Let glue dry, according to the label's specifications. Measure the distance across the front of the sole. Mark the center with a pencil. Drill the front hole, centered, at 15 percent of the sole length from the front of the shoe. Drill one hole on either side of the sandal, directly in front of the back tooth, 1/4 inch from the edge. Hold the drill at an angle away from the back tooth. Measure the distance from the front hole to the side hole. Multiply this measurement by 2 to determine the length of the straps.
- 3. Adjusted the straps. Add 2 1/2 inches to accommodate the feet. Using the above measurement cut the string and threads the sandals. Bring the rope through each of the back holes and up through the top. Pull both ropes down through the front hole together and secure from underneath with a knot. Cut away any excess and cover the ends with wood glue to prevent fraying. Try on the sandal and adjust for fit at the sides. When you have adjusted the straps to your satisfaction, knot the rope at the sides. Cut off excess, and seal the ends. When you're finished, you'll have a set of custom-fit Japanese wooden shoes that create more noise than a troupe of tap dancers on linoleum.

## **How to make Japanese wooden shoes tools:**

In the world of woodworking projects, Geta are about as simple as you can get. They are just three pieces of wood. Japanese made Geta are cut out of a single piece of wood, but unless you have the tools and expertise, stick with the three piece project shown here. Build a test pair first. Think of them as a "rough draft". One reason for doing this is to get the dimensions right.

If you've never done woodworking at all, then you should seriously consider enlisting the aid of someone who does work with wood or take a course at your local adult education center. They're cheap and enjoyable. Once you get the smell of freshly cut wood in your system, you'll have a hobby for life. As a minimum go to your local library and look at some books on basic woodworking on how to make Japanese wooden shoes.

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Remember that most Geta don't have left and right. The thong that attaches between the toes is right in the middle. If you pare it down to the absolute basics, all the tools you need is a saw and a drill, but to do the job right you really need hand saw with a fairly fine crosscut blade, use this saw to cut out the major parts. Coping saw or electric jig or saber saw, use one of these to round the corners of the sole, or if you're short on cash and patient use a wood rasp (a kind of file). If you're not very experienced at sawing, you might want to get the rasp, too. It's great for cleaning up those rough coping saw edges. If you buy s hand or electric drill, get an electric with a 3/8"chuck. It probably costs less than a good hand drill and has more uses.

If you go the hand route, be sure to get the right type of bit. If it's an egg-beater style drill then buy a 1/4" drill or a 3/8" with a 1/4" shank. If it's one of those big crank shaped things, then buy a 3/8" bit. A drill has a fairly flat end, while a bit has what looks like a wood screw on the end. You may also need sandpaper and a sanding block or electric sander. Get a good assortment of grits so that you can have a nice finish.

http://www.shoeshoeonline.com/how-to-make-japanese-wooden-shoes

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#### **Third Source:**

### **How to Make Japanese Wooden Shoes:**

By Lisa Parris, eHow Contributor

Every cartoon, movie, or TV show set in pre-WWII Japan shows Japanese citizens running around in wood shoes with risers or teeth that elevate the wearer. These are known as "geta" and are traditionally constructed from a single piece of Paulownia wood. For less-experienced woodworkers, these wooden shoes, in their most basic form, can be made from three pieces of poplar or other wood and a length of strong, thin rope. The result looks like a cross between clogs and flip-flops and makes a characteristic 'clack-clack' sound when worn. If you'd like to make a pair of your own, follow the guide below. When you're finished, you'll have a set of custom-fit Japanese wooden shoes that create more noise than a troupe of tap dancers on linoleum.

### **Things You'll Need:**

Wood, 1/2 inch thick- width and length required depends on the size of the sandal Ruler or measuring tape Pencil Cross-cut hand saw, fine blade Coping Saw or wood rasp Sandpaper Wood glue Bricks Drill 3/8-inch drill bit Jute, hemp or nylon rope 1/8-inch diameter

### **Instructions:**

- 1. Measure your feet. Place the heel of your foot on the end of a ruler and record the length of your longest toe. Add 1/2 inch to this measurement. This is the length of your shoe's sole. Measure your foot across the widest point. Multiply this measurement by 1 1/2. This is the width of your sole. Measure both feet to be sure they require the same size shoe.
- 2. Mark the measurements of your foot onto a piece of wood with a pencil. Cut the blocks for the soles of your sandals using the cross cut saw. Round the corners with a coping saw or wood rasp. Rub with sandpaper until smooth.
- 3. Determine the placement of the teeth. Calculate what 35 percent of the length of the sole would be. Measure this distance from the front of the sole. Mark it in pencil. This is where the front tooth will be placed. Calculate 15 percent of the length of the sole. Measure this distance from the back of the sole and mark it in pencil. This is where the back tooth will be placed.

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- 4. Cut the pieces for the teeth. They should be 1 1/2 inches high and span the width of the sole.
- 5. Glue the teeth into place and hold wood pieces together with bricks. Let glue dry, according to the label's specifications.
- 6. Measure the distance across the front of the sole. Mark the center with a pencil. Drill the front hole, centered, at 15 percent of the sole length from the front of the shoe.
- 7. Drill one hole on either side of the sandal, directly in front of the back tooth, 1/4 inch from the edge. Hold the drill at an angle away from the back tooth.
- 8. Measure the distance from the front hole to the side hole. Multiply this measurement by 2 to determine the length of the straps. Add 2 1/2 inches to accommodate the feet.
- 9. Using the above measurement, cut the string and thread the sandals. Bring the rope through each of the back holes and up through the top. Pull both ropes down through the front hole together and secure from underneath with a knot. Cut away any excess and cover the ends with wood glue to prevent fraying.
- 10. Try on the sandal and adjust for fit at the sides. When you have adjusted the straps to your satisfaction, knot the rope at the sides. Cut off excess, and seal the ends.

### Tips & Warnings:

Straps can be covered with soft fabric or padding for a more comfortable fit. If the clacking noise of the sandals bothers you, cover the bottom of the teeth with old tire tread.

It takes practice to walk well in these sandals..

http://www.ehow.com/how\_4853656\_japanese-wooden-shoes.html

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### **Fourth Source:**

#### **How to Make Chinese Wooden Shoes:**

By Marjorie Gilbert, eHow Contributor updated: May 11, 2010

The wooden shoe, or geta, got its name because of the sound it makes when, when walking. The purpose of the geta and its raised ridges is to keep expensive kimonos from getting dirty. You can make your own pair of geta with some scrap lumber and a few tools.

### **Things You'll Need:**

4- or 5-inch by 1/2- or 2/3-inch board Jigsaw
Drill
3/8-inch drill bit
Measuring tape
Cloth
Velvet
Thread and needle
1 1/2 yards nylon rope
Wood glue

### **Instructions:**

- 1. Cut the wood into two pieces, 4 to 5 inches wide by 9 to 11 inches long. Round the corners with a jigsaw.
- 2. Place your foot on the wood you cut in Step 1. Mark on the wood to show the points where the thong will be. Make three: one between the big toe and first toe, then midway down the arch on either side of the foot.
- 3 Cut four pieces of wood for the ha, or the platforms on the bottom of the wooden shoes. Each ha should be 2 inches tall.
- 4 Measure back about 35 percent from the front of the wooden sandal. Glue one of the has to this point. The back ha should be about 2 inches from the back.

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- 5. Drill the holes for the back of the thongs that are located on either side of the foot. Angle the holes back so that they begin just over the rear ha but end back behind it. Drill the hole for the front hole straight up and down.
- 6. Cut the nylon rope in half. Cut two pieces of cloth and velvet and sew them together to make a tube. Make sure the velvet is on the outside Thread the nylon rope inside the cloth and velvet tube.
- 7. Insert the ends of the rope inside each of the back holes and secure them by tying a knot. Pinch the middle of the rope together and fit it through the front hole and secure it with a knot. Repeat this step with the other wooden shoe.

http://www.ehow.co.uk/how\_6500304\_make-chinese-wooden-shoes.html

### **Other Sources:**

http://en.wikipedia.org/wiki/Geta\_(footwear)

There are a lot of videos to watch.

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