## 41 <br> BATHROOM MIRROR




## You'll need:

Item
mirror frame sides (2)
mirror frame top (1)

## Material

$40 \times 19 \mathrm{~mm}$ timber, cut and planed to $700 \times 35 \mathrm{~mm}$
$115 \times 19 \mathrm{~mm}$ timber, cut and planed to $325 \times$ 100 mm
$65 \times 19 \mathrm{~mm}$ timber, cut and planed to $325 \times 50 \mathrm{~mm}$

You'll also need: 8 mm dowel cut into $8 \times 40 \mathrm{~mm}$ lengths; waterproof epoxy resin (if using in bathroom) or PVA glue; mirror glass measuring $342 \mathrm{~mm} \times 616 \mathrm{~mm}$; 3mm-thick plywood or MDF measuring $345 \mathrm{~mm} \times$ 620mm; 120 grit sandpaper; polyurethane gloss varnish; panel pins.

## Here's how:

1. Cut and plane the timber to the correct measurements. Click on the illustration at the top of this story for a full-sized diagram.
2. With a jigsaw, shape the top piece, making it 50 mm high at the ends and the full 100 mm height at the centre. Similarly, round off all the corners.
3. Using a router with a straight bit, cut a 10 mm square rebate into the rear inside edges of each of the four frame components to take the mirror glass and back. Make the corner joints by drilling holes for two dowel pegs into each one. A dowelling jig will ensure accuracy. Now glue and assemble the frame.
4. You can simply round the front edges of the frame with an electric sander, but for a better trim, rout the edges with a 12 mm round-over bit. Sand and triple-varnish frame.
5. Have mirror glass cut to size and fit 3mm-thick plywood or MDF inside the back rebate. Use panel pins tapped into the inside edge of the frame to hold the back in place.
