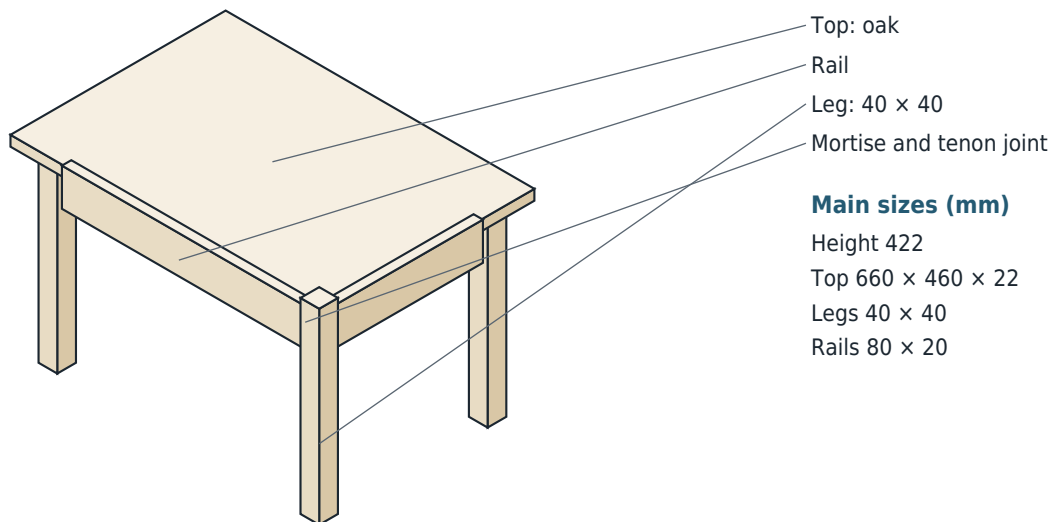


Case study 2: Coffee table

WOODWORK WITH MR KELLY

National 5 · Practical Woodworking · 10 marks · open book

The product. A coffee table has four square legs joined by rails, with a solid top screwed on from underneath. Use the drawing to answer the questions. Answer in sentences for describe and explain questions; you can add labelled sketches.



1 *The rails are joined to the legs with mortise and tenon joints.*

(a) State the ratio normally used for the thickness of a tenon. (1 mark)

(b) Explain why a mortise and tenon joint is suitable for the table. (2 marks)

2 *Before gluing up the table frame the maker dry cramps it.*

Describe two reasons for dry cramping. (2 marks)

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3 *The legs could be made from oak or pine.*

Explain one reason for choosing oak. (2 marks)

4 *Oak furniture should be made from sustainably sourced timber.*

(a) Name a label that shows timber is sustainably sourced. (1 mark)

(b) Describe one benefit of using sustainably sourced timber. (2 marks)

Total: ____ / 10