

Design & Technology

Marking out Techniques

Materials required for questions

- Pencil
- Rubber
- Calculator

Instructions

- Use black ink or ball-point pen
- Try to answer all questions
- Use the space provided to answer questions
- Calculators can be used if necessary
- For the multiple choice questions, circle your answer

Advice

- Marks for each question are in brackets
- Read each question fully
- Don't spend too much time on one question

Good luck!

Q1. Which one of the following would you use to mark out a line on a piece of wood?

- A** Pencil
- B** Scriber
- C** Spirit pen

Q2. Which one of the following would you use to draw a circle on a sheet of acrylic?

- A** Pair of compasses
- B** Dividers
- C** Odd-leg callipers

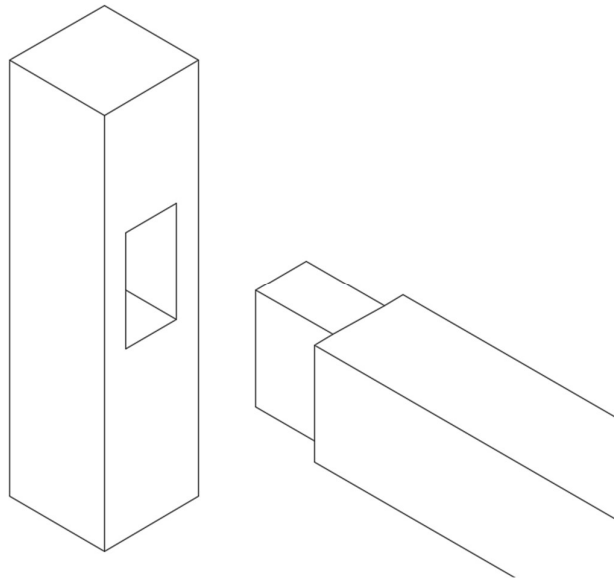
Q3. What would you use to mark an irregular shape on a timber plank?

- A** Jig and pencil
- B** Template and pencil
- C** Former and pencil

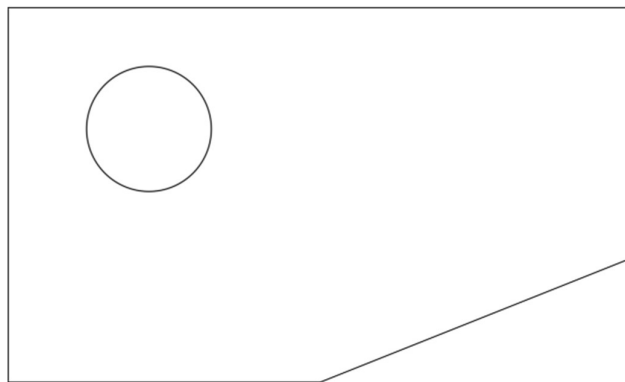
Q4. Which one of the following would you use to draw a right-angled line to a sheet of paper?

- A** Try square
- B** Set square
- C** Ruler

Q5. Name two marking out tools that could have been used to make the joint shown in the image below. **(2 marks)**



Q6. A steel panel needs a circular hole to be cut from the sheet metal as shown by the image below.



Name the two tools needed to mark the centre of the hole and the circle. **(2 marks)**

Answers

Q1. A

Q2. B

Q3. B

Q4. B

Q5.

- Mortise gauge
- Steel rule
- Try square
- Marking knife

Q6.

- Centre punch
- Dividers