

Y12 Applied Technology Worksheet # 4

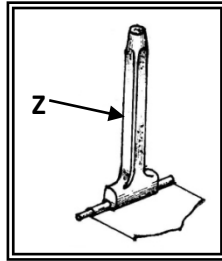
Instruction: Please do attempt this at the back of your exercise book.

QUESTION 4

FABRICATION

(10 marks)

- (a) The diagram below shows a tool being used to lock a joint in sheet metalwork.



Source: Year 12 Applied Technology, Ministry of Education, 2012.

- (i) Name the tool labelled **Z**. (1 mark)
- (ii) Define the term notching used in sheet metalwork. (1 mark)
- (b) There are numerous types of edges used in sheet metalwork.
- (i) State one reason why edges are formed on a job in sheet metalwork. (1 mark)
- (ii) Define the term **allowance** used for wire edging? (1 mark)
- (iii) Differentiate between **Groove Seam** and **Standing Seam Joint** in sheet metalwork. (2 marks)
- (c) In workshops where machinery is not available, there is often occasion to bend sheets of metal of varying widths at an angle.
- (i) State the first procedure of bending sheet metal in sheet metal work. (1 mark)
- (ii) Use freehand sketches to show the edges formed in sheet metal work below.
- (a) Single Hem Edge
- (b) Double Hem Edge
- (c) Wire Edge (3 marks)

