

## Y13 Applied Technology Worksheet # 5

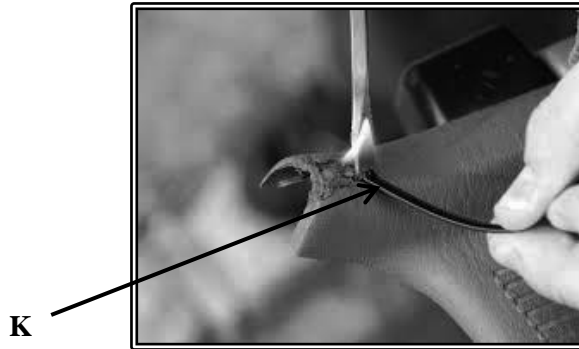
**Instruction:** Please do attempt this at the back of your exercise book.

### QUESTION 5

### WELDING AND FABRICATION

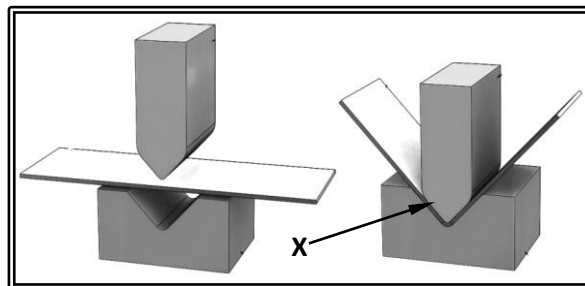
(10 marks)

(a) Study the picture given below and answer the questions that follow.



- (i) Identify the material labelled **K**. (1 mark)
- (ii) Name the type of welding shown. (1 mark)
- (iii) State **two** steps used in this type of welding. (2 marks)
- (iv) Differentiate between **electro slag** and **electro resistance** welding. (2 marks)

(b) The diagram below shows a process of metal fabrication.



Source: <https://www.engineersrule.com>

- (i) Name the part labelled **X**. (1 mark)
- (ii) Explain the type of metal fabrication shown above. (2 marks)
- (iii) State **one** application of the above process. (1 mark)

