

Y12 Applied Technology Worksheet # 7

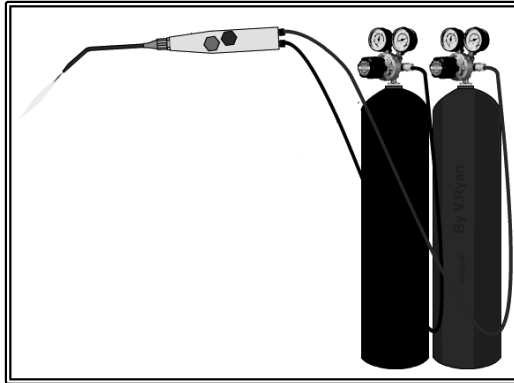
Note: Students to attempt this at the back of their exercise book.

QUESTION 7

WELDING AND FABRICATION

(10 marks)

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



Source: <https://www.google.com.au>

- (i) State **one** advantage of gas welding. (1 mark)
- (ii) Explain the term **brazing** in gas welding. (2 marks)
- (iii) Differentiate between **oxygen** and **acetylene** in relation to their function in gas welding. (2 marks)
- (b) There are numerous types of edges, joints, seams, and notches used to join sheet metal work.
- (i) State **one** reason for making edges in sheet metal work. (1 mark)
- (ii) Use freehand sketches to show a wire edge formed in sheet metal work. (2 marks)
- (iii) Explain the method of making lap seam joints in sheet metalwork. (2 marks)

