



The diagram shows the shape of a coin. The three arcs AB , BC and CA are parts of circles with centres C , A and B respectively. ABC is an equilateral triangle with sides of length 2 cm.

- (a) Find the perimeter of the coin. [2]

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- (b) Find the area of the face ABC of the coin, giving the answer in terms of π and $\sqrt{3}$. [4]

This image shows a full page of white paper with horizontal dashed lines, typical of primary school writing paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.