



- [4]

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

The object is freely suspended from the point  $B$  and hangs in equilibrium. The angle between  $AB$  and the downward vertical through  $B$  is  $\theta$ .

- (b)** Given that  $h = \frac{13}{4}r$ , find the value of  $\tan \theta$ . [2]

This image shows a full page of a handwriting practice worksheet. It consists of multiple rows of horizontal dotted lines spaced evenly down the page, providing a guide for letter height and placement. The background is plain white, and there are no other markings or text present.