



The diagram shows the curve with equation $y = 9(x^{-\frac{1}{2}} - 4x^{-\frac{3}{2}})$. The curve crosses the x -axis at the point A .

- (a) Find the x -coordinate of A . [2]

[illegible]

- (b) Find the equation of the tangent to the curve at A . [4]

This image shows a full page of white paper with ten horizontal dashed lines, typical of primary school handwriting practice paper. The lines are evenly spaced and extend across the entire width of the page. There is no text or other markings on the paper.

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- [illegible]