

The diagram shows the curve with equation $y = x^{\frac{1}{2}} + 4x^{-\frac{1}{2}}$. The line y = 5 intersects the curve at the points A(1, 5) and B(16, 5).

) F	Find the equation of the tangent to the curve at the point A .	[4]
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(b)	Calculate the area of the shaded region.	[4]
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