

A function is defined by $f(x) = \frac{4}{x^3} - \frac{3}{x} + 2$ for $x \ne 0$. The graph of y = f(x) is shown in the diagram.

(a) Find the set of values of x for which f(x) is decreasing.

)	Find the set of values of x for which $f(x)$ is decreasing.	[5]

Find the area of the triangle. Give your answer correct to 3 significant figures.	
This the area of the triangle. Give your answer correct to 3 significant figures.	[8]
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