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7. Using calculus, find the exact values of

(i) $\displaystyle\int_1^2 \frac{1}{x^2 - 4x + 5}\,\mathrm{d}x$

(3)

(ii) $\displaystyle\int_{\sqrt{3}}^3 \frac{\sqrt{x^2 - 3}}{x^2}\,\mathrm{d}x$

(5)

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