

Math 181 Honors Quiz #5

Compute the following integrals:

① $\int_0^3 x^4 dx$

② $\int_{-1}^3 x^4 dx$

③ $\int_1^4 (x+1)(x-2) dx$

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④ $\int_{3.5}^{24.3} \llbracket x \rrbracket dx$

⑤ Compute one of the following integrals:

$\int_1^4 |(x+1)(x-2)| dx$ or $\int_8^{18} \llbracket 3x \rrbracket dx$