































Jind Jove Sor
$$S(x) := \frac{3}{(x+1)^2}$$
 on [1,6]

Jave = $\frac{1}{b-a} \int_{0}^{b} f(x) dx$

Some : $\frac{1}{6-1} \int_{1}^{6} \frac{3}{(x+1)^2} dx$ $\frac{x=1}{a=6} + u=7$
 $u=x+1$ $u=dx$
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Find C in [2,5] such that
$$f(c) = \text{fave in } [2,5] \text{ Sor } f(x) = (x-3)^{2}$$

$$f(c) = (c-3)^{2} \qquad \text{fave } = \frac{1}{5-2} \int_{2}^{5} (x-3)^{2} dx$$

$$f(c) = \text{fave } = \frac{1}{3} \int_{-1}^{2} (x-3)^{2} dx$$

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