

Math102 Term172  
Sec 31 Quiz 4

Name	ID	Sr
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Q1)(5points) Evaluate

$$I = \int_0^{\pi/4} 6 \tan x \sec^6 x \, dx$$

Q2)(5points) Find

$$I = \int \frac{x}{\sqrt{x^2 - 8x + 20}} dx$$

Q3) (5points) Find

$$I = \int \frac{\cos x}{2\sin^2 x - 3\sin x + 1} dx$$