

GROUP QUIZ 10 QUESTIONS

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Find the general antiderivatives of the following functions.

NOTE: You must solve these using only techniques from Math 1A and its prerequisites.

[1] $x(2 + x^2)^3$

[2] $\frac{3x^3 - 4x - 5}{7x^2}$

[3] $\frac{(3 - \sqrt[3]{x})^2}{\sqrt{x}}$

[4] $(\sec x + \tan x) \tan x$

[5] $2(\sin x + \cos x) \cos x$

[6] $\frac{2x^2 - 3}{x^2 + 1}$

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