Calculus ex05 8, May, 2019

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First name and last name:

Questions with a 4 may have zero, one or more right answers.

Question [itrig01] \clubsuit Evaluate primitive value of $\arcsin\left(-\frac{1}{\sqrt{2}}\right)$.

Question [itrig02] \clubsuit Evaluate primitive value of $\arccos\left(\frac{\sqrt{3}}{2}\right)$.

Question [itrig03] ♣ Evaluate primitive value of arctan (1).

Question [diff16] &

Find the derivative f'(x) of $f(x) = \arcsin\left(\frac{x}{2}\right)$.

Question [diff17] 🌲

Find the derivative f'(x) of $f(x) = \arccos\left(\frac{x}{\sqrt{3}}\right)$.

Question [diff18] &

Find the derivative f'(x) of $f(x) = \arctan\left(\frac{x}{7}\right)$.