

MAPLE Practice Quiz 6

Find antiderivatives for each of the following functions. Use differentiation to show your answers to be correct.

$$[> f := \sqrt{1-x^2} \arcsin(x)$$

$$[> g := \frac{x}{\sqrt{1+\sqrt{1+x^2}}}$$

$$[> h := x^3 \arctan(x)$$

[>