AP Calculus Derivative Basics

AP Calculus AB | Derivatives | Developing

Learner: _____ Date: _____

Differentiate each function using power, constant, sum, or simple product rules.

f(x)=x^4 _____

Work/check: _____

g(x)=3x^2-5x+7 _____

Work/check: _____

h(x)=1/x _____

Work/check: _____

p(x)=sqrt(x) _____

Work/check: _____

q(x)=x(x+4) _____

Work/check: _____

r(x)=5 _____

Work/check: _____

Grown-up check: 4x^3; 6x-5; -1/x^2; 1/(2sqrt(x)); 2x+4; 0.

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