

Checkup3B

Name: _____

- Algebraic (Power Rule)
- Trig, Inverse Trig
- Logarithmic, Exponential

1. Find the derivative of:

$$f(x) = 7x^4$$

2. What is:

a) $\frac{d}{dx} \sin x$

b) $\frac{d}{dx} \cos x$

c) $\frac{d}{dx} \tan x$

d) $\frac{d}{dx} e^x$

e) $\frac{d}{dx} \ln x$