

Name \_\_\_\_\_

### The Chain Rule Practice (Std 5b)

Find  $f'(x)$

1)  $(4x^2 + 1)^7$

2)  $\sqrt{3x^2 + 5x - 2}$

3)  $\frac{1}{x^2 + x^4}$

4)  $\frac{1}{(1-x)^3}$

5)  $\frac{x}{(\sqrt{x} - 1)^3}$