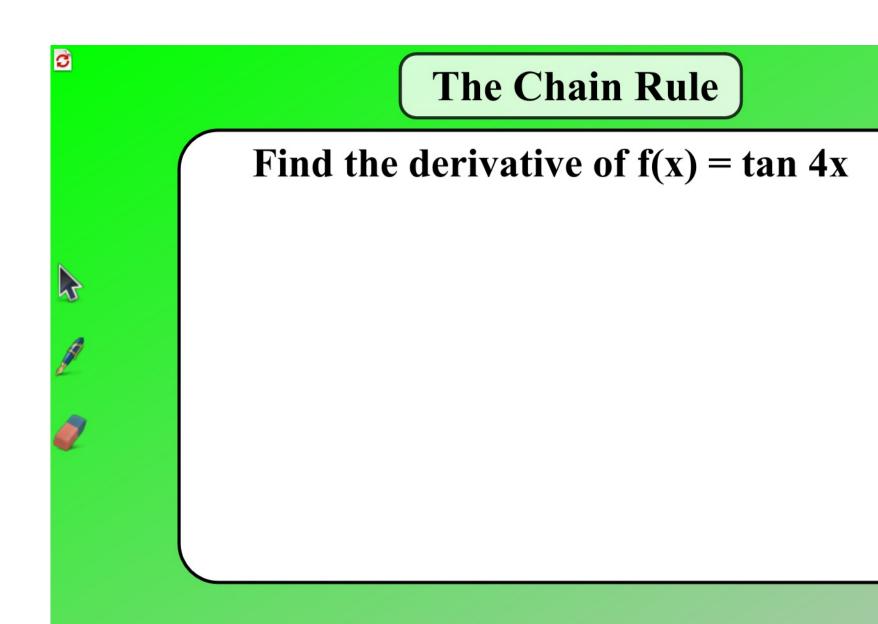
# The Chain Rule

Find the derivative of 
$$f(x) = \frac{1}{2x^2 - 4}$$



# The Chain Rule

Find the derivative of  $f(x) = \sqrt{x^3-3x}$ 

### The Chain Rule

Find the derivative of  $f(x) = (-5x^3 - 2x)^4$ 

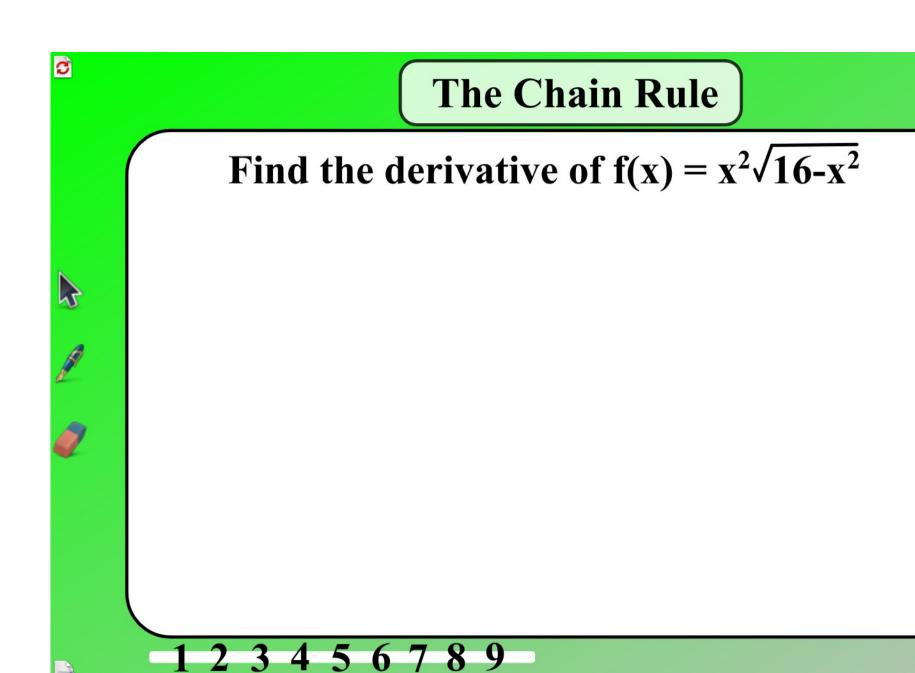
# The Chain Rule

Find the derivative of 
$$f(x) = \frac{6}{(4x^3 + x)^3}$$



# The Chain Rule

Find the derivative of  $f(x) = x^2(3x-9)^3$ 



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### The Chain Rule

Find the derivative of 
$$f(x) = \left(\frac{x^3}{x^2 + 2}\right)^2$$

