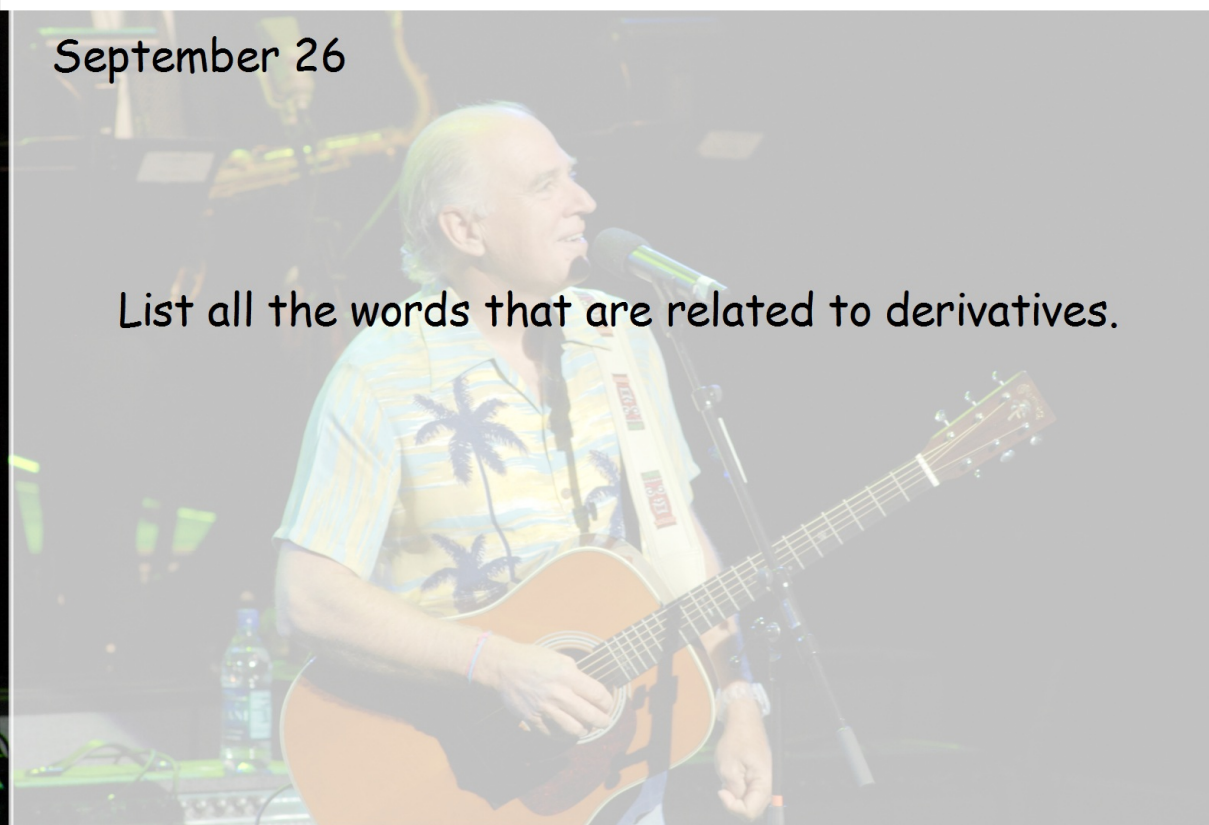


September 26



List all the words that are related to derivatives.

September 26

Students will verbally explain how to
find the derivative
(using the words:
function, exponent, coefficient...)

$$y' = 4(\sin(\sqrt{x^3-5}))^3 \cdot (\cos(\sqrt{x^3-5})) \cdot \left(\frac{1}{2}(x^3-5)^{-1/2}\right) \cdot (3x^2)$$

$$y = (\sin(\sqrt{x^3-5}))^4$$

$$y' = 4(\sin(\sqrt{x^3-5}))^3 (\cos(\sqrt{x^3-5})) \left(\frac{1}{2}(x^3-5)^{-1/2}\right) (3x^2)$$

$$y' = 4(\sin(x^3-5))^{\frac{3}{2}} (\cos(x^3-5))^{\frac{1}{2}} \left(\frac{1}{2}(3x^2)\right) (x^3-5)^{-\frac{1}{2}}$$

$$y = (\sin(x^3-5)^{1/2})^4$$

$$y' = 4(\sin(x^3-5)^{1/2})^3 \left(\frac{1}{2}(x^3-5)^{-1/2}\right) (3x^2)$$

$$y = (\sin(\sqrt{x^3-5}))^4$$

$$y' = 4(\sin(\sqrt{x^3-5}))^3 (\cos(\sqrt{x^3-5})) \left(\frac{1}{2}(x^3-5)^{-1/2}\right) (3x^2)$$

9 limit pages
(9 front + back)
3 derivative
(front + back)