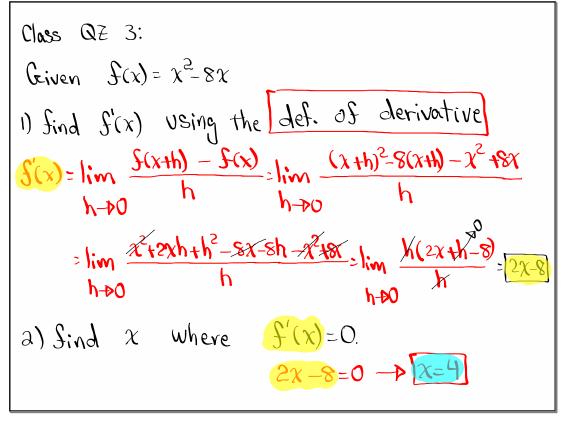
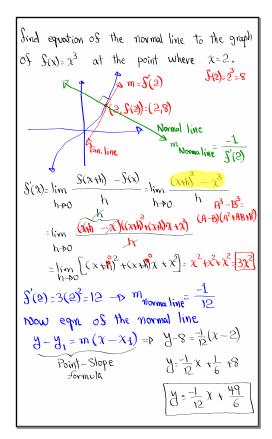


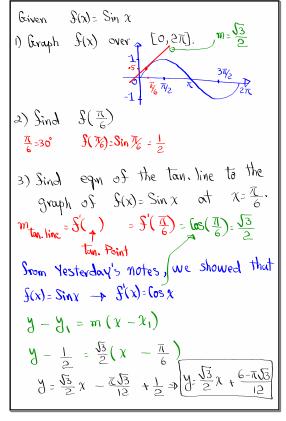
Feb 19-8:47 AM



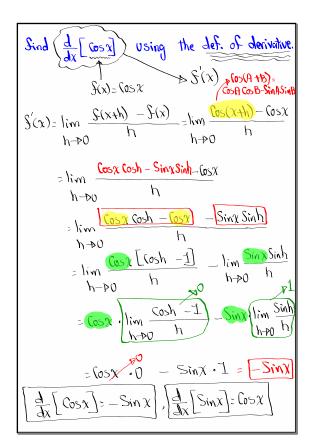
Feb 28-8:42 AM



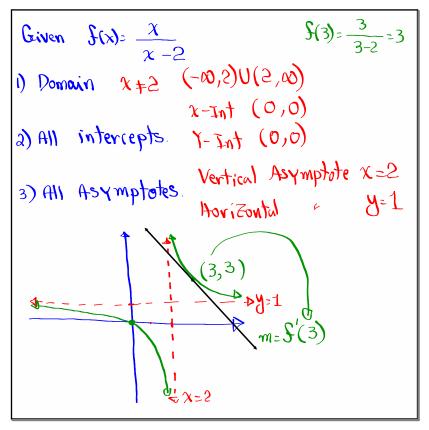
Feb 28-9:12 AM



Feb 28-9:23 AM



Feb 28-9:37 AM



Feb 28-9:46 AM

$$S'(x) = \lim \frac{S(x+h) - S(x)}{h}$$

$$h \to 0$$

$$S'(3) = \lim \frac{F(3+h) - F(3)}{h} = \lim \frac{3+h}{3+h-2} - 3$$

$$= \lim \frac{3+h}{1+h} - 3 = \lim \frac{3+h}{h+0} = \lim \frac{3+h}{h+0} + \frac{3(1+h)}{h}$$

$$= \lim \frac{-2h}{h+0} + \frac{-2h}{h+0} = -2$$

$$y - y = m(x - x_1)$$

$$y - 3 = -2(x - 3) \Rightarrow y = -2x + 9$$

Feb 28-9:53 AM