Let's do this shit man and go to drink beer and play World Of Tanks like normal workers after hard day!

$$f(x)' = (sin(arcsin(arctg(((x^2) + 5 \cdot y)))))'_x = cos(arcsin(arctg(((x^2) + 5 \cdot y)))) \cdot \frac{1}{\sqrt{(1-(arctg(((x^2)+5 \cdot y))^2))}} \cdot \frac{1}{(1+(((x^2)+5 \cdot y)^2))} \cdot x \cdot 2$$

$$f(y)' = (sin(arcsin(arctg(((x^2) + 5 \cdot y)))))'_y = cos(arcsin(arctg(((x^2) + 5 \cdot y)))) \cdot \frac{1}{\sqrt{(1-(arctg(((x^2)+5 \cdot y))^2))}} \cdot \frac{1}{(1+(((x^2)+5 \cdot y)^2))} \cdot 5$$

That's all, I hope your ass is satisfied