Given
f(1) = 2 & f'(1) = 3
Write the equation
of a tangent line
in all 3 forms of
a line ① Pt./Slope
② Slope/Intercept
③ General

$f(1) = 2$ $f'(1) = 3$
Pt(1,2)   m = 3

Pt/Slope: $y - 2 = 3(x - 1)$

Slope/Intercept: $y = 3x - 1$ (where you cross y-axis)

General: $3x - y = 1$
     OR
     $3x - y - 1 = 0$

x & y on same side
x - must be positive
no fractions

↑ PC 22