Sketch each slope field and fit solution curves tangent to the arrows

\[ \frac{dy}{dx} = y \] has solutions \( y = ce^x \) where \( c \) is any constant.
\[ \frac{dy}{dx} = y - x \] has solutions \( y = ce^x + x + 1 \)
\[
\frac{dy}{dx} = x^2 - \frac{1}{2} y 
\] has solutions
\[
y = ce^{-x/2} + 2x^2 - 8x + 16
\]
\[
y = -14e^{-x/2} + 2x^2 - 8x + 16
\]
\[
y = -15e^x + 2x^2 - 8x + 16
\]
\[
y = -16e^x + 2x^2 - 8x + 16
\]
\[
y = -17e^x + 2x^2 - 8x + 16
\]