Fysiikan matematiikka: Harjoitus 8

1. a) $y = (x^3 + c)^{\frac{1}{3}}$ b) $y = \frac{-4}{x^4 + c}$

   c) $y = \arcsin(c - \cos(x))$

2. a) $y = \frac{c}{x}$ b) $e^x \sin(y) + x^2 + y^2 = c$

3. a) $y = 2e^{-\frac{x^4}{4}} + 1$ b) $y = \sin^2 x + 2 \sin x$

4. a) $y = 2x^2 + x \ln|x| + cx$ b) $y = \frac{1}{2}e^{3x} + ce^x$

   c) $y = -x - 2 + ce^x$