

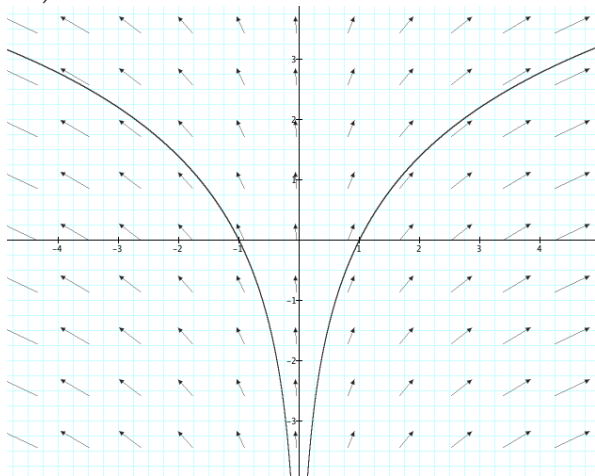
Name: _____

Calculus

Answers to Your Try Problems for Chapter 6

6a) Answers will vary.

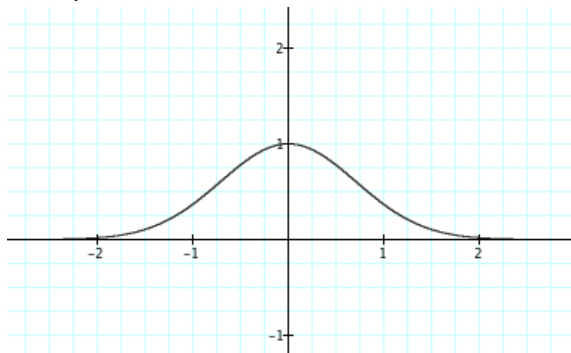
6b)



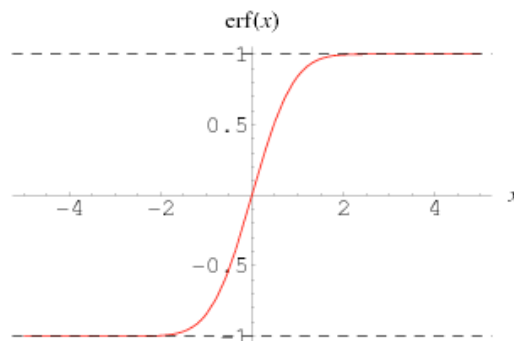
6d1) More or less the same graph as 6b above.

6d2) They should.

6e) $y = e^{-x^2}$



$y = \int e^{-x^2} dx$



(http://mathworld.wolfram.com/images/eps-gif/Erf_900.gif)

6f) $F(x) = x^5 + \frac{1}{3}x^3 + \frac{2}{3}x^{3/2} + \ln x + c$

6g) $F(x) = -\frac{5}{x} + \ln x^3 - 2 \cos x - 2e^{x/2} + \frac{1}{3} \tan 9x + c$

6h) $x(2) = -0.36$

6j) 6.0352

6k) -19