

Worksheet Answers

$$\textcircled{1} |y| = Ae^{2x^2}$$
$$y = 2e^{2x^2-2}$$

$$\textcircled{2} |y| = Ae^{\frac{x^2}{2}-x}$$
$$y = 3e^{\frac{x^2}{2}-x}$$

$$\textcircled{3} |y| = Ae^{\frac{2}{3}x^3+x}$$
$$y = 2e^{\frac{2}{3}x^3+x}$$

$$\textcircled{4} y = x^2 + c$$
$$y = x^2$$

$$\textcircled{5} y = Ae^{e^x} - 1$$
$$y = 101e^{e^x} - 1$$

$$\textcircled{6} y = \pm \sqrt{x^2 + c}$$
$$y = \sqrt{x^2 + 100}$$

$$\textcircled{7} y = \frac{-4}{x^4 + 4c}$$
$$y = \frac{-20}{5x^4 - 7}$$

$$\textcircled{8} |y| = Ae^{-\frac{5}{2}x^2}$$
$$y = 2e^{-\frac{5}{2}x^2}$$

$$\textcircled{9} y = 1 - Ae^{-\frac{1}{2}x}$$
$$y = 1 + 1999e^{-\frac{1}{2}x}$$

$$\textcircled{10} y = \ln|e^x + c|$$
$$y = \ln(e^x + e^2 - e)$$

HW p. 508 16-42 every other even  
Finish worksheet