

Lesson 6.2

1. Find the derivative of each function.

(a) $y = e^{\cos x}$

(b) $y = 16.5\sin(3\pi t - 18\pi) + 5$

2. Evaluate each integral.

(a) $\int 5\sin(\pi x) dx$

(b) $\int_{-1}^1 (\cos(2t) + 1) dt$