

TMATH 124: Concept Check Day 11

Be sure to write down your ideas (numerically, algebraically, or geometrically) so that you can earn credit for your work!! To earn full marks for this you must attempt all problems.

1. Find:

$$\frac{d}{dx}(2^x)$$

$$\frac{d}{dx}(2^y)$$

2. Solve for $\frac{dy}{dx}$ where $6 \cos(x) \sin(y) = 1$