

Fake Quiz 1 Calc 3 9/3/2014

This is a fake quiz, this is *only* a fake quiz. In the event of an actual quiz, you'd have been given fair warning. Repeat: This is *only* a fake quiz.

1. Write equations for the line passing through $(5,10,0)$ and $(2, -1, 3)$ in parametric form.

$$x(t) = 5 - 3t$$

$$y(t) = 10 - 11t$$

$$z(t) = 0 + 3t$$

2. Find the area of the triangle with vertices $(0,0,0)$, $(2, -3, 1)$, and $(5, 1, 4)$.

$$\frac{\sqrt{467}}{2}$$

