

## Math 2415

### Concept Quiz Questions on 13.2 and 13.3

1. State a formula using limits for the derivative of a parametrized curve.
2. Suppose that  $\mathbf{r}(t) = (x(t), y(t), z(t))$ . Write down a general formula you would use in practice to calculate the velocity of the curve.
3. State a formula for the length of a parametrized curve.