

Name: _____ Date: _____

Math 2 — Quiz 2

1. Use geometry (*not* calculus) to calculate

$$\int_0^5 2x - 4 \, dx$$

2. (a) Find an antiderivative $F(x)$ of $f(x) = \cos(3x)$.

- (b) Use the above answer to calculate

$$\int_0^{\pi/6} \cos(3x) \, dx$$