# Math 20C - Quiz 2

07/05/2016

Name: _____ ID: _____

Please draw a box around each of your answers.

1. Compute the dot product:

$$(3\mathbf{i} - 4\mathbf{j} + 5\mathbf{k}) \cdot (\mathbf{i} + \mathbf{j} - 2\mathbf{k})$$

2. Given an equation of the line through the points $(1, 2, 3)$ and $(4, 5, 6)$.

3. Compute the cross product:

$$\mathbf{j} \times \mathbf{i}$$