

CS 111: Review Quiz: Due by 5:00pm Friday, January 11

Your Name

October 12, 2025

1. Answer to question 1:

Use inline equations for simple math $1 + 1 = 2$, and centered equations for more involved or important equations

$$a^2 + b^2 = c^2. \tag{1}$$

Some people like to write scalars without boldface $x + y = 1$ and vectors or matrices in boldface

$$\mathbf{Ax} = \mathbf{b}. \tag{2}$$

An example of a matrix `\LaTeX`:

$$\mathbf{A} = \begin{pmatrix} 3 & -1 & 2 \\ 0 & 1 & 2 \\ 1 & 0 & -1 \end{pmatrix}. \tag{3}$$

With a labeled equation such as the following:

$$\frac{d^2x}{dt^2} = a \tag{4}$$

you can refer to the equation later. In equation ?? we defined acceleration.

2. Answer to question 2