

**Elementary Linear Algebra - MATH 2250 - Quiz 15**

**Name:**

1. Give an example of a  $3 \times 3$  matrix such that the columns of it are mutually perpendicular.
2. Give an example of a  $3 \times 3$  matrix such that the columns of it are mutually perpendicular and they are not multiples of the columns in your previous examples.