

## *Additional Activities: Think-Share-Pair-Compare 1.2*

1. Given a linear system of 2 equations and 3 unknowns, with at least one nonzero coefficient in the system, how many pivot positions (and pivot columns) can we have? Discuss your thoughts with your neighbors and respond on our usual pollev if you have tech
  - a) 1, 2 or 3
  - b) 1 or 2
  - c) 2 or 3
  - d) infinite
  - e) other
2. If one row of an augmented matrix is  $[1 \ -1 \ 0]$ , write the algebraic equation that represents that row. Next, create standard math axes and sketch the geometry of that row.
3. If one row is  $[1 \ 2 \ 3 \ 6]$ , write its algebraic equation. Next, create standard math axes and sketch its geometry.
4. Lastly, review 1.2 fill-in guide items, look at or work on upcoming items, or chat until I bring us back together