

Additional Activities: Think-Share-Pair-Compare 5.1, 5.2

1. Revisit RGB , the red, green, and blue matrix connected to <https://www.geogebra.org/m/Dq2A7aRv>. What are the eigenvalues of RGB ?
2. In 2.7 and computer graphics we rotated about a point other than the origin by using the composition of 3 matrices, including a translation and its inverse as the outside pieces. In 5.2, $B = P^{-1}AP$ gives A and B similar. Which are true about similar matrices?
 - a) they have the same eigenvalues
 - b) they have the same eigenvectors
 - c) both
 - d) neither

Respond on our usual pollev if you have tech.

3. If A has an eigenvalue of 0, what does that tell us? Sketch a related input-output diagram on a board with your group.
4. Review 5.1 and 5.2 fill-in guide items, look at or work on upcoming items, or chat until I bring us back together