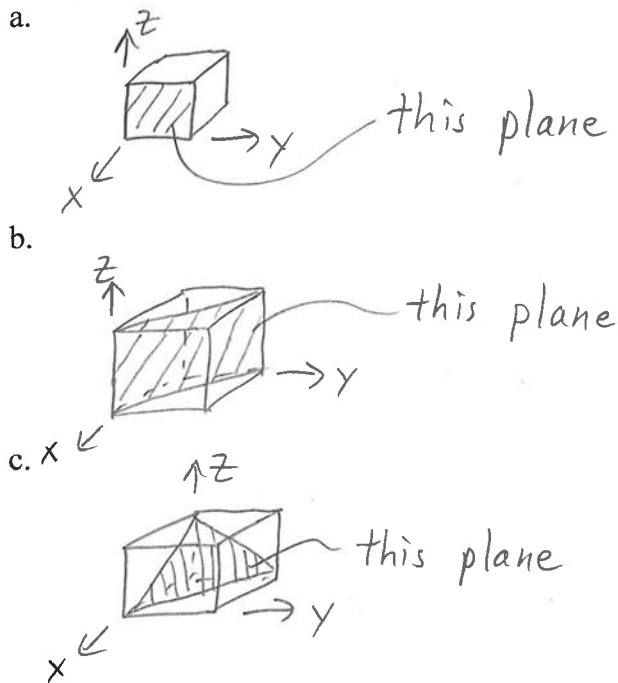


- 1) What is the formal definition of a plasma?
- 2) What is grayscale lithography?
- 3) Explain the terms “isotropic” and “anisotropic”?
- 4) What is the coefficient of thermal expansion (CTE)?
- 5) What is a “conformal coating”?
- 6) Si has a FCC structure. What does “FCC” stand for?
- 7) For each of the Si crystal cubic representations below, identify the selected plane by its name AND its Miller Index:



8. What is the difference in the meaning of the notation between (100), <100> and {100}?
9. Compare the characteristics of (100), (110) and (111) Si.
10. At what angles do (111) and (110) intercept (100) planes in Si?