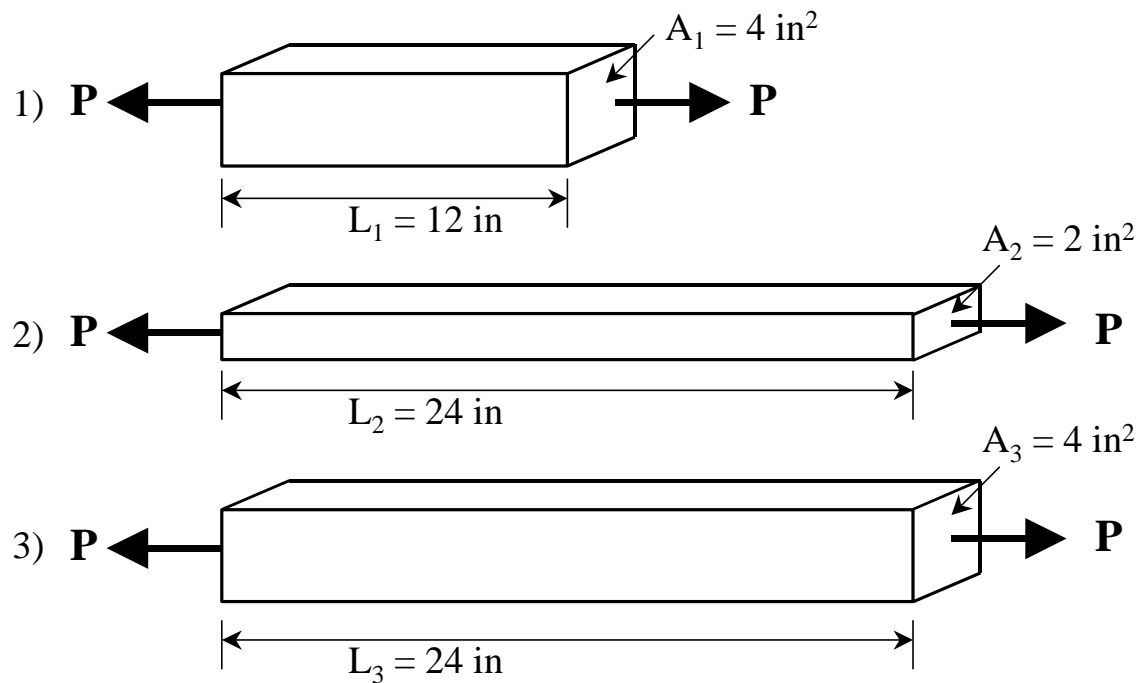


Three rods are made of the same material and have the same externally applied axial load,  $\mathbf{P}$ .



The load  $\mathbf{P}$  is slowly increased.

Which rod fails first? Second? Third? Do any of the rods fail at the same time?