

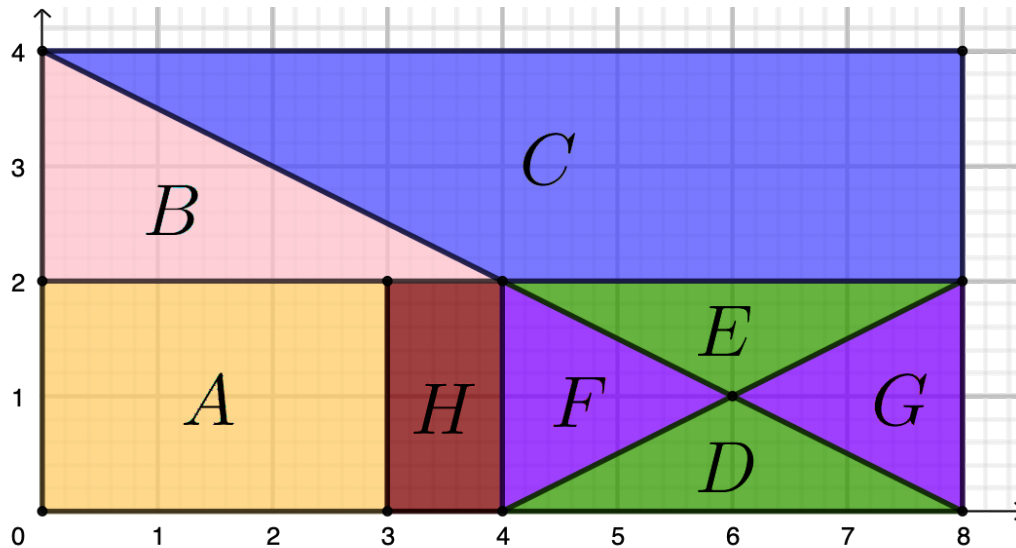


Problem of the Week

Problem B

Fraction Fun

A large rectangle is in the first quadrant of the Cartesian plane with its four vertices at $(0, 0)$, $(8, 0)$, $(8, 4)$, and $(0, 4)$. It is divided into eight regions labelled A , B , C , D , E , F , G , and H , as shown.



What fraction of the area of the large rectangle is the area of region A ? the area of region B ? the area of region C ? the area of region D ?