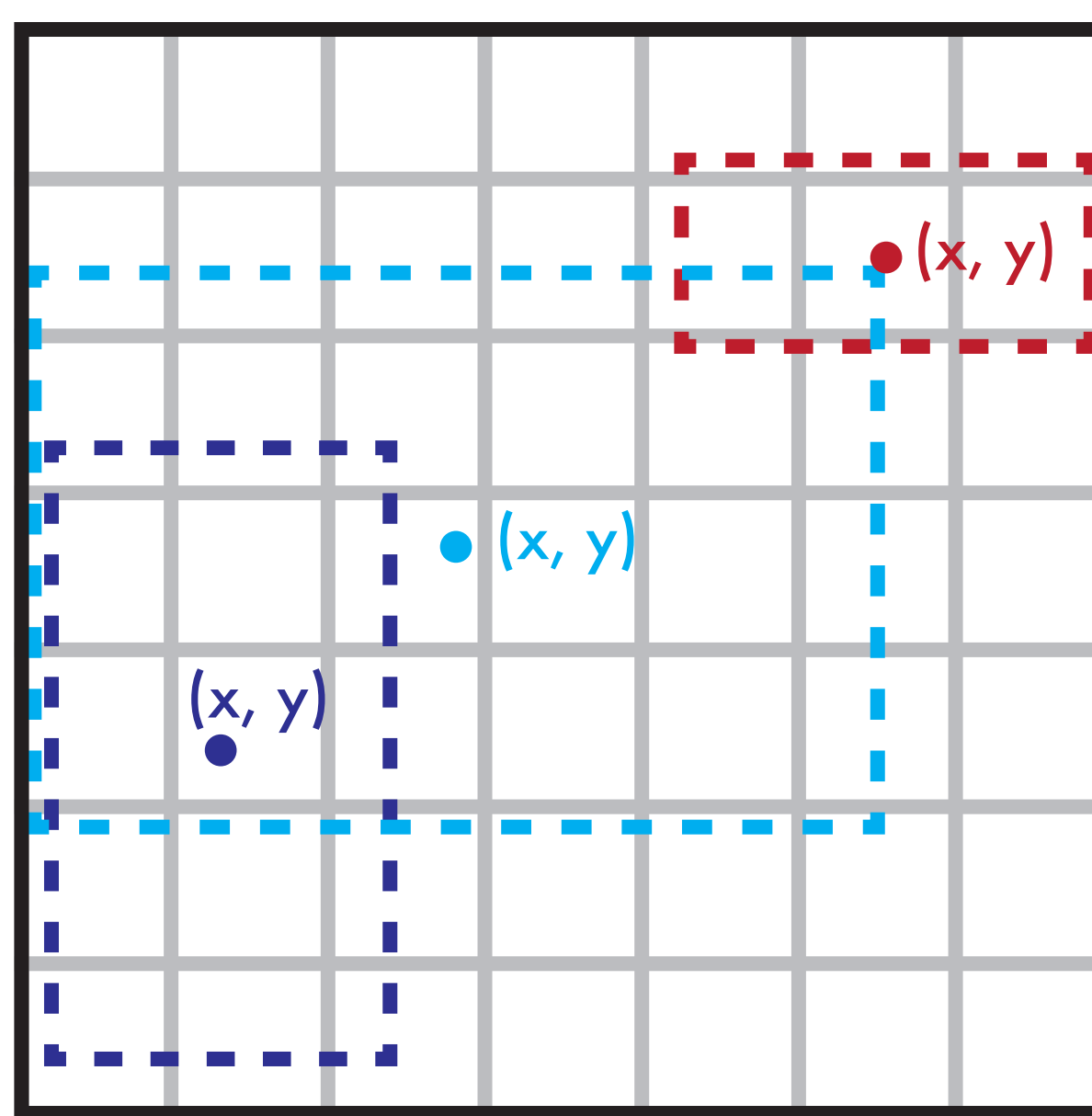


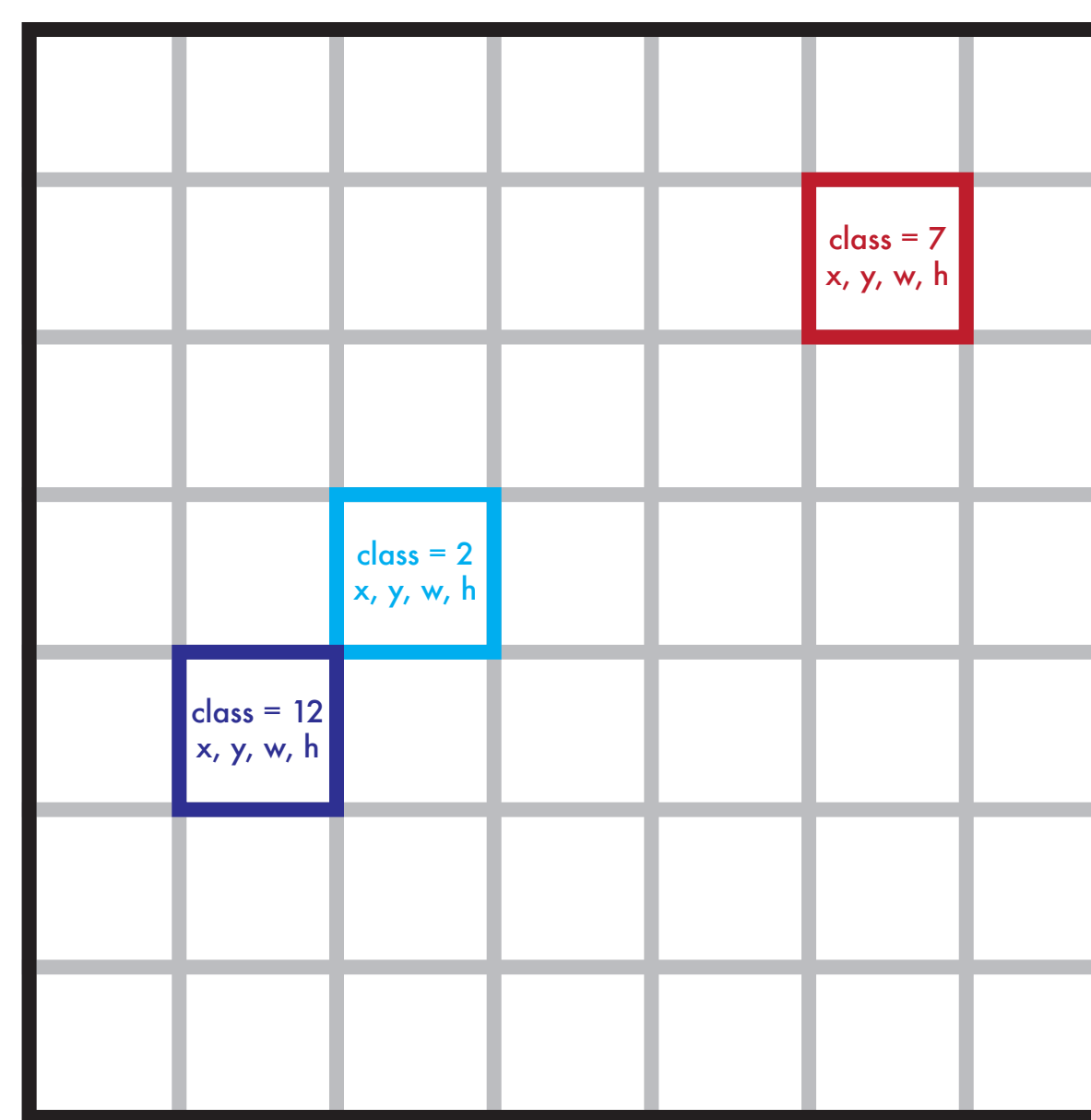
Resize The Image

And bounding boxes to 448 x 448.



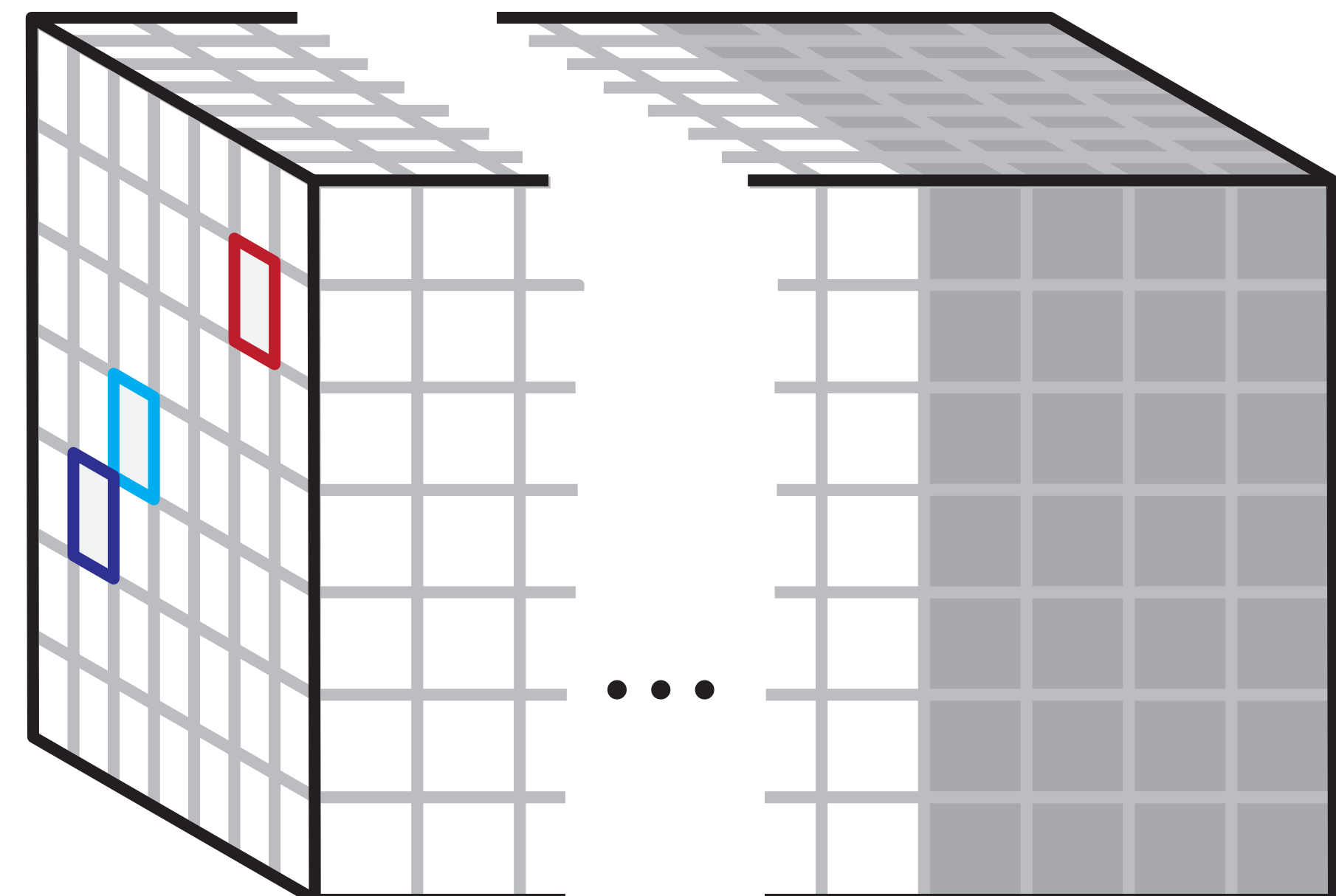
Divide The Image

Into a 7 x 7 grid. Assign detections to grid cells based on their centers.



Train The Network

To predict this grid of class probabilities and bounding box coordinates.



1st - 20th Channels:

Class probabilities
Pr(Airplane), Pr(Bike)...

Last 4 Channels:

Box coordinates
 x, y, w, h