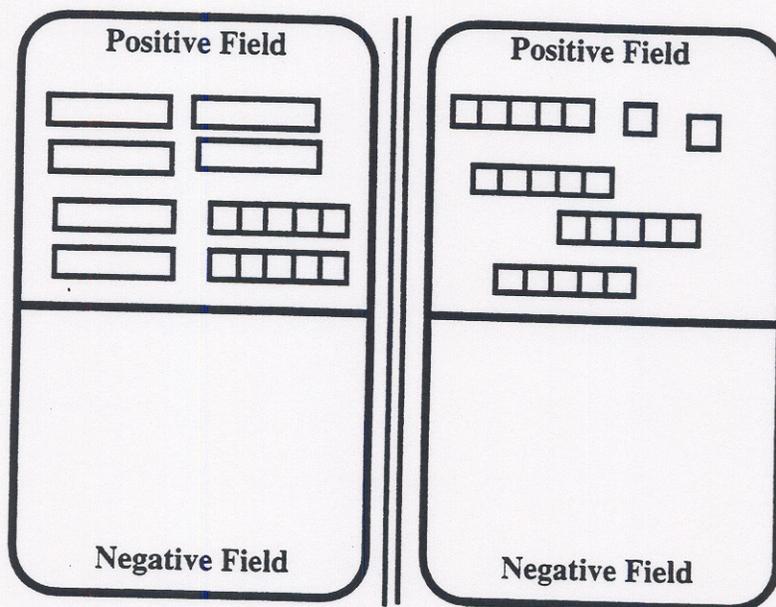


## HOW MANY PIGS?

Farmer Brown looked out at his barnyard and saw a total of 22 legs. He counted 5 more chickens than pigs. How many pigs were in the barnyard?

Now we know  $4x + 2y = 22$  and  $y = x + 5$ .  
Substitute  $x + 5$  for the two  $y$ 's.



How many pigs might there be?