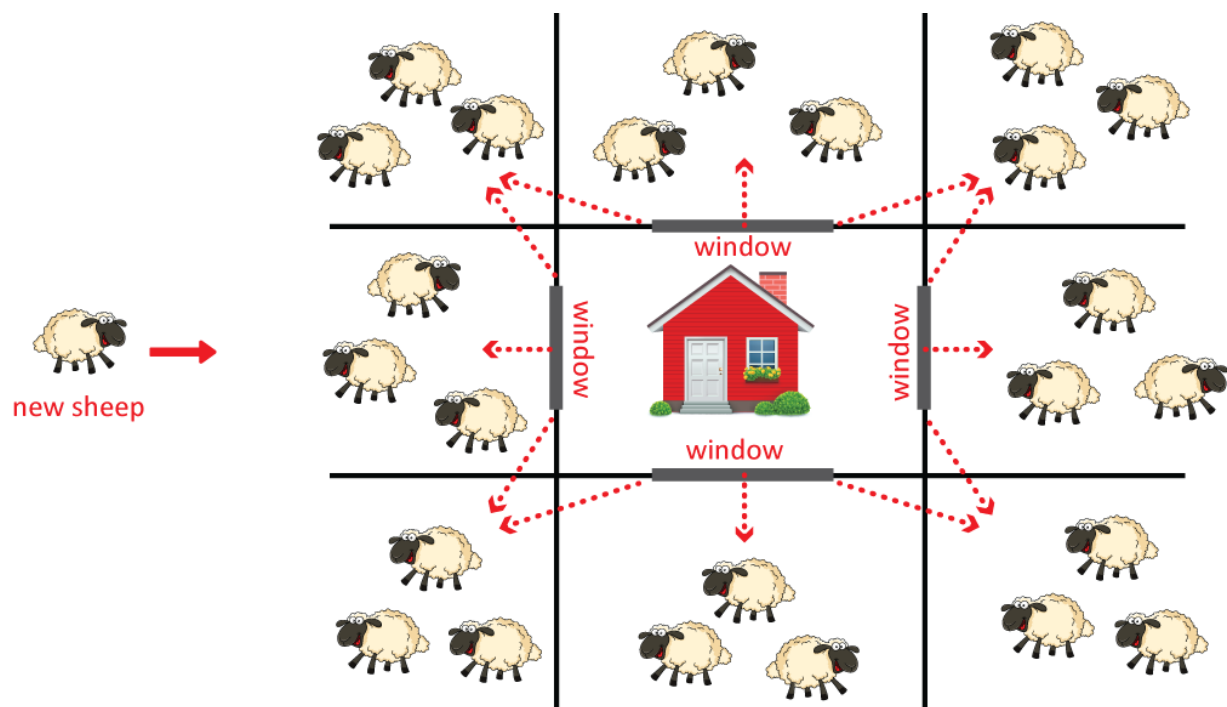


The farmer's sheep

A farmer can see nine sheep if he looks out of any of his four windows. His wife gives him a new sheep.

Which paddocks can he put the new sheep in so that he can still see nine sheep from each of the four windows?



What is the **largest number** of sheep that his wife can give him so that he can still see 9 sheep through each window?

What is the **smallest number** of sheep that his wife can give him so that he can still see 9 sheep through each window?

If there is to be **at least** one sheep in each paddock, what numbers can the farmer have and still see 9 sheep through each window?