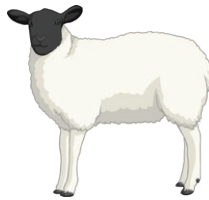


Farmer Chris

Farmer Chris has a rectangular plot of land. The plot of land has a perimeter of 160m. Your task is to create a plan for Farmer Chris to house all the animals so that there are no gaps between plots, the plots are not too narrow and that the enclosures are the right shape and in the correct location.



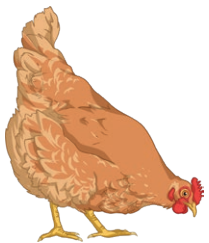
The pigs need to have an enclosure with a perimeter fence of at least 70m.



The sheep need to have an enclosure with a perimeter fence of at least 90m.



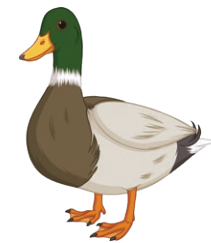
The geese need to have a square enclosure with a perimeter fence of at least 40m. The geese need to be next to the pigs.



The chickens need to have an enclosure with a perimeter fence of at least 20m but they can't be next to the sheep.



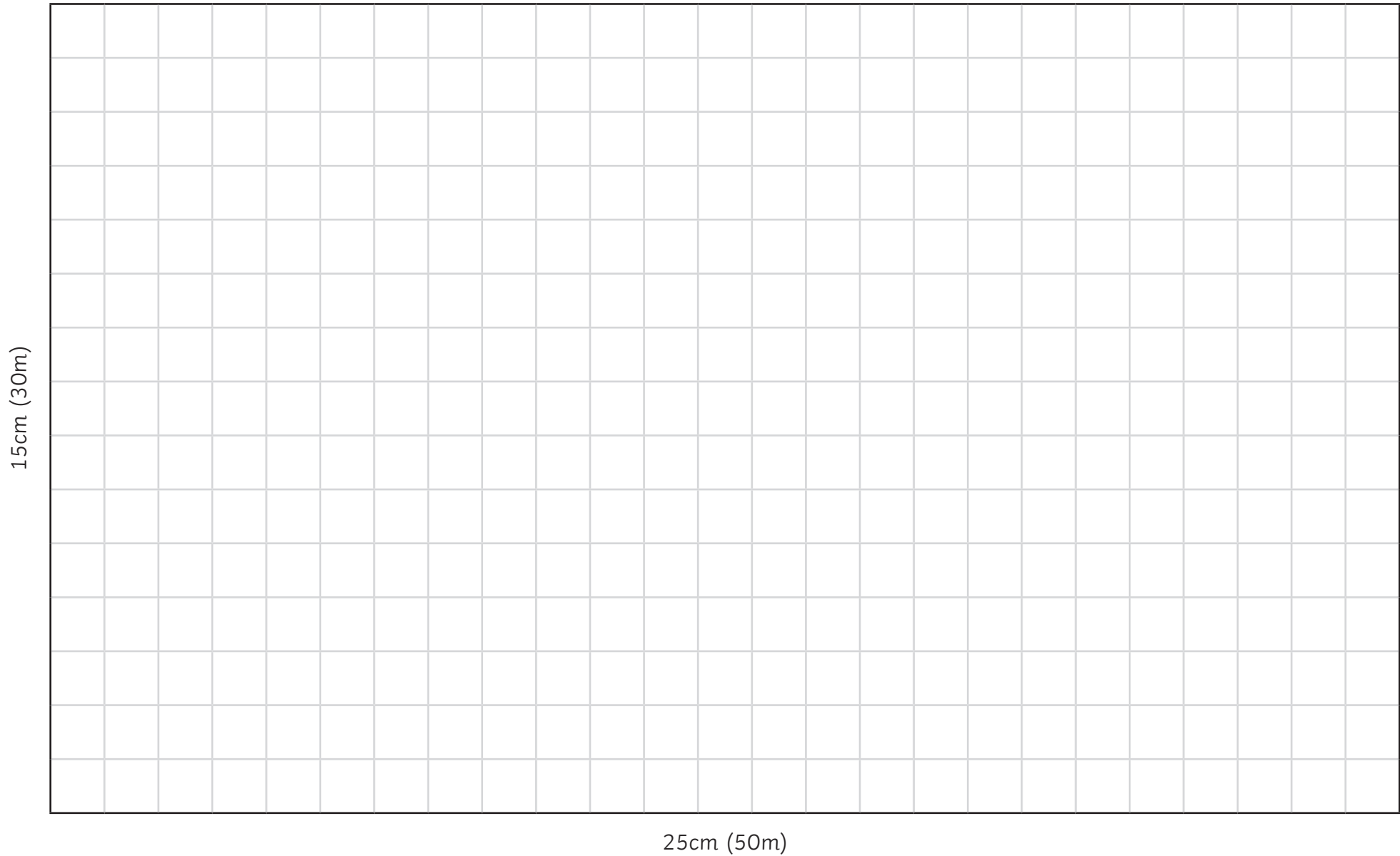
The goats need to have an enclosure with a perimeter fence of exactly 110m. One side of the enclosure must be 30m.



The ducks need a square enclosure with a perimeter fence of 24m.

Plot of Land

Scale: 1cm = 2m



Farmer Chris - Possible Answer

Scale: 1cm = 2m

