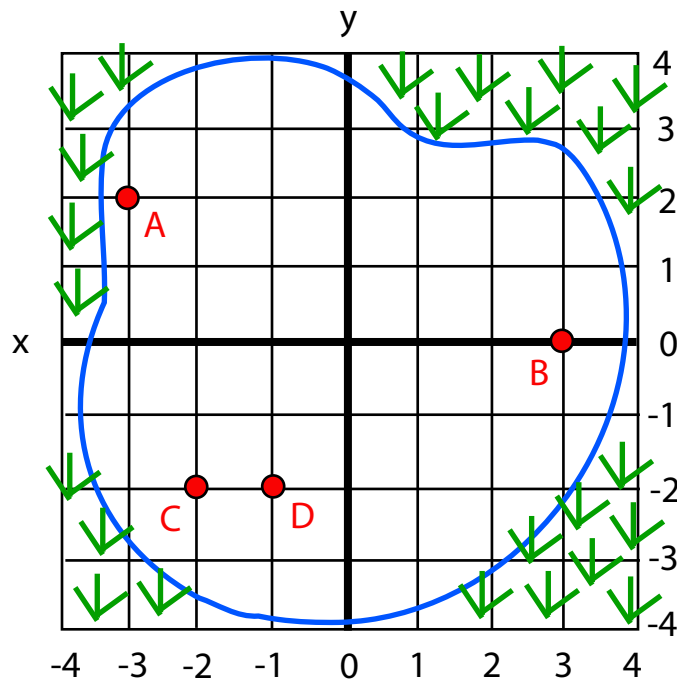


Answers in red.

First, plot and label the egg cluster locations in the pond, then answer the questions.



Egg Cluster ID	Location
A	$(-3, 2)$
B	$(3, 0)$
C	$(2, -2)$
D	$(-1, -2)$

Each of the 4 clusters contain 100 eggs. All the eggs hatch and the tadpoles all go through metamorphosis to become adult frogs that live on land. If half are females and half are males, how many frogs will be able to lay eggs if the pond dries up? Why?

No frogs will be able to lay eggs because frogs lay their eggs in water, where they are fertilized. Without water, they have no place to lay their eggs.