

Overpopulation Mathematics

Use the mouse facts, work in small groups and answer to the mouse story problems



A female deer mouse gives birth to an average of 5 young at a time.



A deer mouse carries her young in her body for an average of 24 days before giving birth.



The baby deer mice live in the nest for an average of 32 days.



A deer mouse body averages about 7 inches long.



If 78 adult female mice give birth to average size litters, how many will be born?



If a female mouse gives birth to four different litters in a year, how many days could she have young in her nest?



If 5 deer mice stand in a straight line touching nose to tail tip, how long is the line?



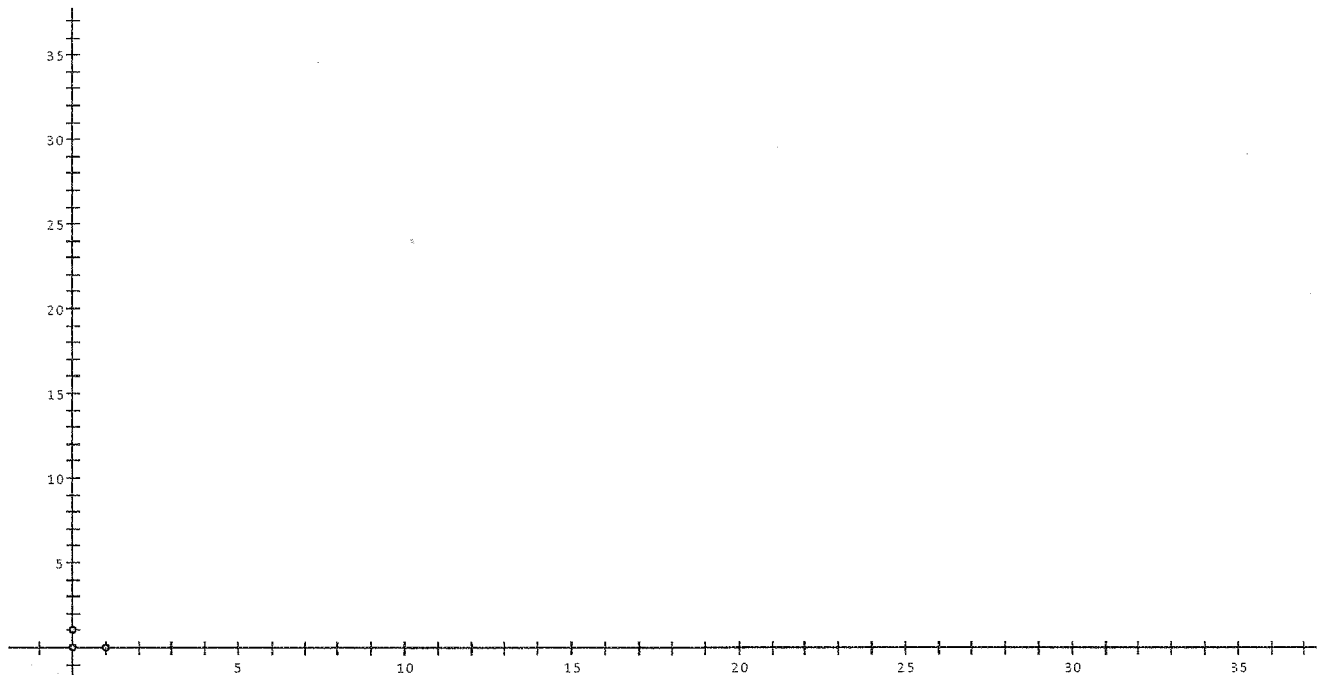
Appendix 4b1

Here is a linear progression that might follow for the overpopulation of Dimwood forest. The numbers are just for Poppy's mother, Sweet Cicely.

Sweet Cicely's Litter Number	Number of Young
1	5
2	
3	
4	
5	
6	
7	
8	
9	
10	

Chart your numbers on the graph below.

Dimwood Forest



Appendix 4b2