

Name		School	
Class		Date	

7. Germinating and growing seedlings

Method

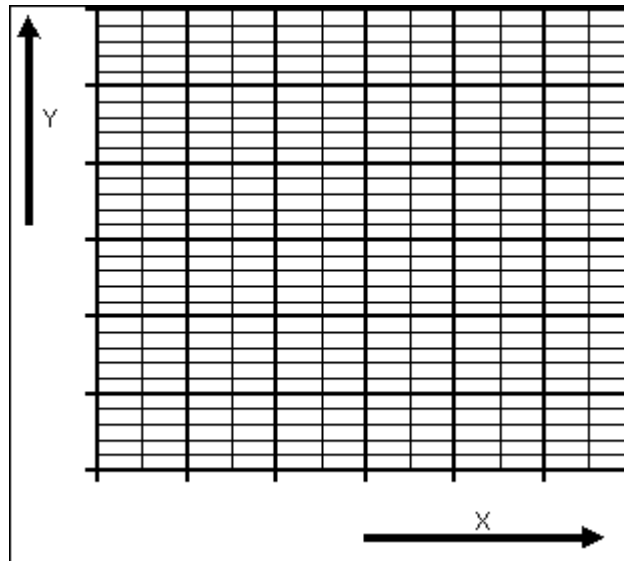
1. Plant five seeds in the conditions needed for germination.
2. Record the growth of the seedling with the following information:
 - The date the plant appeared above the surface of the soil.
 - The date the first leaf appears above the surface of the soil.
3. Fill in the following record sheet. Day 1 is the day the seedling first appears above the soil surface.

Results

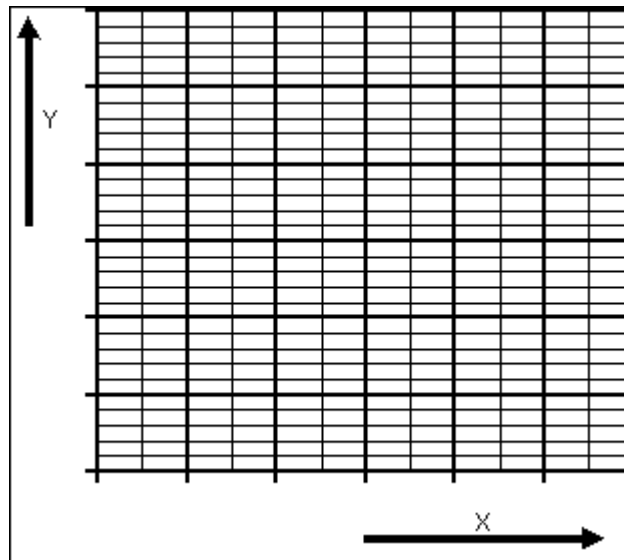
Day	Height of Seedling (cm)	Number of Leaves
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

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(a) Draw a line graph of the height of the plant with time. Use the vertical axis (Y) as the height and the horizontal axis (X) as time. Label the graph.



(b) Now draw a second graph of the number of leaves with time. Use the vertical axis (Y) as the number of leaves and the horizontal axis (X) as time. Label your graph.



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From graph (a) : Does the seedling grow at a steady rate?

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From graph (b) : Between which days are the largest number of leaves produced?

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