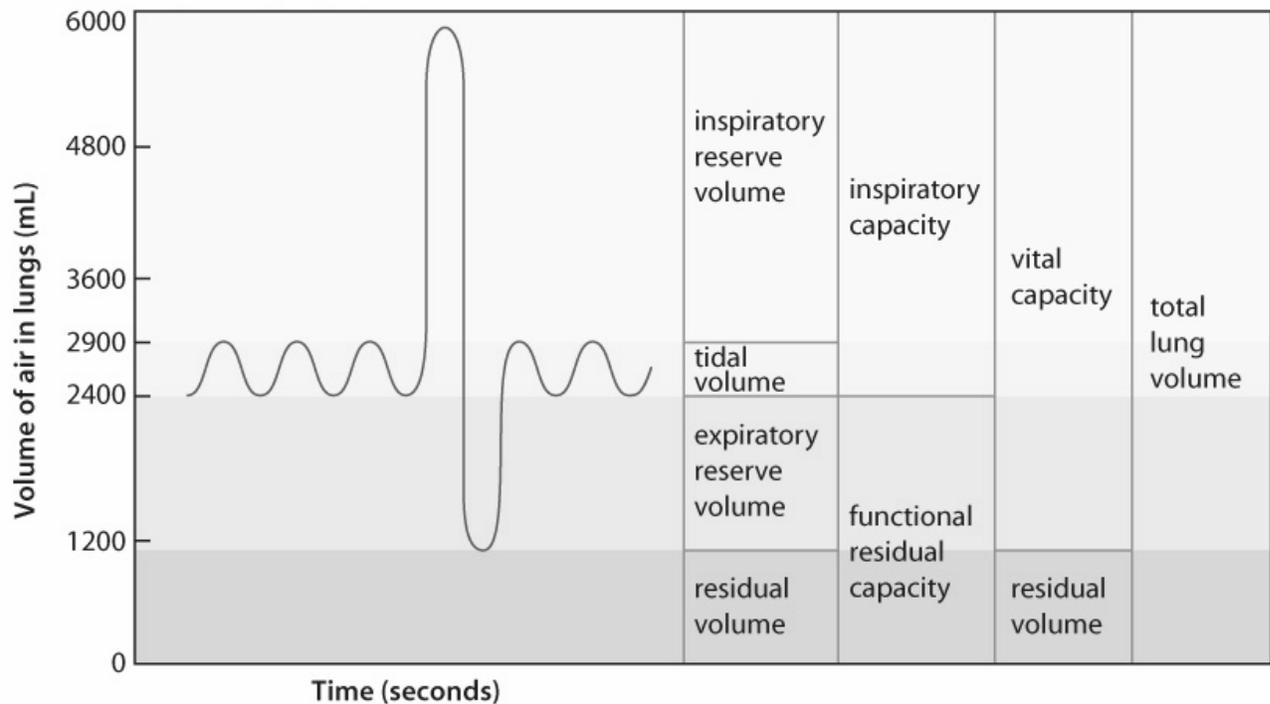


A spirograph represents the amount of air that moves into and out of the lungs with each breath.

1. Define each of the following terms:

Term	Definition
tidal volume	
inspiratory reserve volume	
expiratory reserve volume	
vital capacity	
residual volume	

Study the spirograph below and answer the following questions:



2. What is the typical tidal volume for humans? (in mL) _____
3. What is the typical expiratory reserve volume for humans? (in mL) _____
4. What is the typical vital capacity for humans? (in mL) _____