



Vein pump in leg.	Vein pump in trunk.	
	Blood drains from tissues into	
	a. Since the hydrostatic (fluid) pressure in tissues is low, can this pressure blood back toward the heart?	ire push
	 To keep the blood from flowing back toward the capillaries, the veint limbs contain 	s in the
	In figure 12.9a, muscle contraction squeezes the deep vein against the	*
	 a. This pressure forces the blood in the vein against the upper valve, cauto (open, close), and 	using it
WVMBURADAR THE TOTAL TOT	 b. against the lower valve, causing it to (open, close). 	
	c. Since the lower valve is closed, blood can only flow	
	In figure 12.9a, muscle contraction squeezes the superficial vein against	the
***************************************	Muscle contraction creates more pumping action against (superficiveins.	ial, deep)
	Are valves present in abdominal veins?	
	When the diaphragm contracts, it pushes down on the cavity.	
	a. This causes the pressure in the abdominal cavity to (increase, d	lecrease)

in the veins of the legs.

the pressure in the thoracic cavity to_____ (increase, decrease).

c. Therefore, blood in the inferior vena cava is forced toward the_____.

7. Blood in the abdominal veins is prevented from flowing back into the legs by_____

This causes the pressure in the inferior vena cava to_____ (increase, decrease).