Blood pressure lab											
Open the virtual lab at http://www.mhhe.com/biosci/genbio/virtual_labs/BL_08/BL_08.html What is the purpose of this lab?											
What are the	What are the two objectives of the lab?										
What do you think will happen to blood pressure as age increases?											
Click on the "person to view Write in the p If the patient	gender tab" and select either male or female. Then click on the "age range" tab and select an age range. measure blood pressure" button. Each of the subjects will have their blood pressure read. Click on each w their weight and health risk factors. Fill in the data table on the next page. atients' diastolic and systolic reading. is overweight, (meaning they are over their optimum weight) circle or highlight— "overweight". answers "yes" to Family history of hypertensive, high salt diet, lack of exercise, alcohol consumption, circle										
Lab Question Hypertension a. High blood	means:										
A sphygmoma	anometer:										
a b	Measures blood pressure d. When inflated cuts off blood flow to the brachial vein										
In measuring	blood pressure:										
C.	Systolic pressure is measured when blood flow just returns to normal in the artery										
Based on the	laboratory activity, evidence shows that as a group:										
a. b c. d e	Males experience a decreased systolic and diastolic pressure with age Males experience an increased systolic and decreased diastolic pressure with age Males experience a decreased systolic and increased diastolic pressure with age										
Based on the	laboratory activity, evidence shows that as a group: a. Females experience a decreased systolic and diastolic pressure with age b. Females experience an increased systolic and diastolic pressure with age c. Females experience an increased systolic and decreased diastolic pressure with age d. Females experience a decreased systolic and increased diastolic pressure with age e. Females have relatively constant blood pressure with age										
On average fo	or both sexes, normal blood pressure is typically defined as: 140/60 b. 130/95 c. 120/80 d. 145/80										
Based on the indicating hyr	results of this exercise, which of the following blood pressure readings are significantly above normal,										

c. 129/81

b. 130/84

a. 122/78

d. 101/75

Which of th	ne fol	lowing inf	ormati	ion from	the med	ical ch	arts appe	ears to	play the lea	ast role	in dete	rmining	blood	
pressure?	a	. Sex		b. Height	t		c. Weigh	nt	d. Age	(e. None	of the a	bove	
Which of th	ne fol	lowing ap	pear to	be lifes	tyle relat	ed risk	factors	for hyp	ertension?					
	a.	Smoking		b. Lack o	f exercise	e	c. Salt in	itake	d. A and E	В	e. All of t	the abov	ve	
A patient conhealthy die	t low	in sodiun	n. Base	ed upon t	this infor	mation	ղ:		smoker, the					
		Their blo	•						blood presentics on				ertension	
What facto	rs ar	e known to	o cause	e increas	es in bloo	od pres	ssure?							
What was t	:he g	eneral trei	nd with	n blood p	oressure v	when t	he gende	er and a	age change	d for e	ach of th	ne group	os?	
						•	•		not? Baseر oup blood ہ	•	•		what	
_		•	•		•		•		e readings for these inc					_
Based on y	our o	bservatio	n, whic	h risk fad	ctor do yo	ou thir	ık is mos	t closel	y associateo	d with	hyperte	nsion?		
	_	•			•				cause a per ase a persoi					