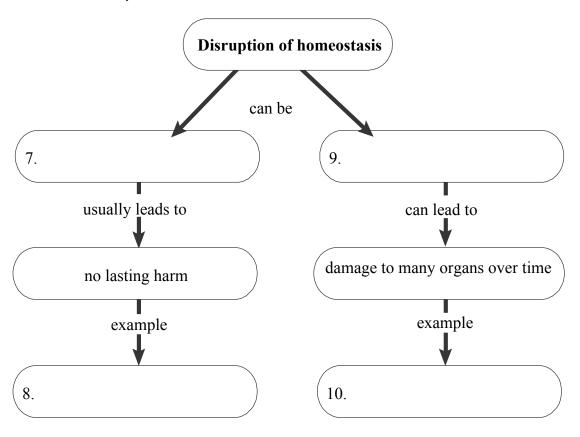
Name	Class		Date
Study Guide 28.3: Inte	eractions Among	Systems	
KEY CONCEPT Systems interact to maint	tain homeostasis.		
VOCABULARY			
thermoregulation			
on all the other Complete the table below of how it helps produce v	word or phrase that ly work together lik hat keeps one organ by filling in the na	the best completes are members of a nation from doing its of the body.	pit crew servicing a job can have an effect
Organ 2	Absorbs ultravio		e Sun and produces an
3	inactive form of Changes the inaccompound		intermediate
4	Converts the inte	rmediate compo	ound into Vitamin D
Fill in the blank with the v 5. Vitamin D works with	h hormones to regu	late levels of	the sentence. required for healthy
bones.			
6. Messages from the systems in ways that l	help regulate body	in the brai temperature.	n activate organ

<u>N</u> ame	Class	Date	

MAIN IDEA: A disruption of homeostasis can be harmful.

Fill in the Concept Map to help you remember what you know about long-term and short-term disruption of homeostasis.



Circle the term that best completes the sentence.

11. A *short-* / *long-* term disruption of homeostasis is usually more serious than a *short-* / *long-* term disruption, because it can cause more damage to organs.

Vocabulary Check

Fill in the blank with the word or phrase that best completes the sentence.

12. The prefix <i>thermo</i> - ar	nd the word <i>regulation</i> combine to form the term
	, which is the process of maintaining a constant
body temperature.	