5-Digit ID: Key	
	CHAPTER 9 WORKSHEET
	ARACHTERISTICS OF SPORTS TRAUMA
MATCHING—Match the following term	as with the appropriate response.
1. Avulsion fracture	A. A fracture resulting in three or more bone fragments
2. Ball & socket joint	B. Tissue that connects muscle to bone
H. 3. Contusion	C. Can result in tissue adaptation to physical demands placed on the body
4. Ecchymosis	D. Resistance to a load
	E. Inflammation of muscle tissue
6. Strain	F. A fracture resulting from repetitive forces over time
	G. Tissue discoloration (often black and blue)
K. 8. Ligament	H. A compression injury which often results in skin discoloration
N. 9. Capsulitis	I. This is the cause of the condition osteochondrosis
10. Myositis	J. Muscle soreness occurring 2-3 days following exercise/training
11. Aseptic necrosis	K. Tissue that connects bone to bone
12. Hinge joint	L. The glenohumeral joint is one example of this type of joint
13. DOMS	M. A fracture in which a ligament tears off part of a bone
14. Stress fracture	N. Inflammation of a joint capsule
8 . 15. Tendon	O. The elbow joint is one example of this type of joint
SHORT ANSWER	
16. When a ligament is stretched, what in	ury may result due to the tension force? Sprain
17. Crepitus is a crack	ling/grading/crunching feeling or sound.
18. If a muscle is overstretched by tension	or forced to contract against too much resistance, separation or tearing of
the muscle fibers occurs. This damage	e is referred to as a muscle <u>5train</u> .
19. Approximately 85% of all ankle injuri	es result from this action
20. Repeated contusions to the same area	can cause small calcium deposits to accumulate which results in a condition
called Myositis	_ossificans
21. The term for a separation of two articu	lating surfaces (joints) isdiastasis
	ess fractures? Tibia, Fibula, metatarsals,
calcaneus, Femur	ribs and humerus
23. Elasticity deformation.	allows a tissue to return to its normal shape/length after mechanical
24. If a load exceeds a tissue's yield point,	what results is <u>mechanical</u>
	acute or traumatic injuries and overuse injuries? Acute Hraumatic
	immediate onset of sx/sy: Overuse injuri due to repetitive forces

LISTING	
26. List and define the five types of tissue loading (forc	1
	wards ea other on the same plan
Tension - "pulls" or	stretches" tissues; opposite loads
Shearing - 10ads tou	pards ea other but on different plane
Bending - combinat	
Torsion - twisting	q "tissues" opposing rotational load
27. What are two forces that can injure muscle tissue!	
Tension (Strains)	
Compression (contusion	5)
part involved in the injury.	atic and/or overuse injuries. Provide the type of tissue or body
Type of Injury	Tissue or Body Part Injured
Sprain acute/traumati	c ligaments it capsules
Strain acute/traumat	
Tendonitis Overuse	tendons
Abrasion acute/traumat	ic skin
Bursitis Overuse or acute	bursae
Fracture acute/traumat	ic bone tisque
Contusion acute/traumat	ic skin, muscle, bone, organs
Stress Fx 6Veruse	bone tissue
Dislocation acute/traumat	ic joints
Neuropraxia acute/trauma	tic yenves
Fasciitis OVEYUGE	Fascia
Laceration acute/traumoct	ic skin
ESSAY	
29. Which is more susceptible to injury, the muscle or i	
	cause tendon tissue is dx
stronger than mulcile +	15sue.
1.	icable to tissues of the body. Hillustrates the
	ue can withstand prior to
1.00	nechanical failure. Different tissues
0	to allowing for shorter/longer
	plastic changes based on uts
mechanical properties (elasticity). U