Bone Crusher Fracture Worksheet

Questions

1. In general, which bones will require more force to break? Explain why.

2. Does the direction in which the force is applied make a difference? Explain.

3. Which bones in the body are harder to repair?

Name:	_Date:	Class:	

Data Collection

Bone	Bone Mass (g)	Bone Volume (ml)	Bone Density (g/ml)	Predicted Fracture Force (N or lbs)	Experimental Fracture Force* (N or lbs)

* Indicate whether the bone was subjected to tension or compression force.

Were your predictions of bone strength accurate? Explain.

Fracture Examination and Type Determination

Bone	Description of How the Bone Fractured	Type of Bone Fracture	

Types of bone fractures: avulsion, comminuted, fissure, greenstick, impacted, oblique, transverse