

Chapter 2 – Quantities and Units

Learning Grid

Quantities and Units	Questions	Answers
	What is a physical quantity?	
	Why are measurements important in physics?	
	What is meant by the resolution of an instrument?	
	Why is it important to use units with measurements?	
	What is the SI system?	
	List the seven SI base quantities and their units.	

Quantities and Units	Questions	Answers
	What is a derived unit? Give an example.	
	Why did the Mars Climate Orbiter fail?	
	Define mass.	
	State the famous equation relating mass and energy.	
	Define area and give its SI unit.	