Name _____ **Class** _____ **Date** _____

Draw a ring around a number of stars for each statement. If you are very confident about a statement, draw your ring around all the stars. If you do not know anything about a statement do not draw a ring.

Topic	At the end of the unit:	
7Ea		
	State the meaning of sieving and filtering.	* * * * *
	Describe and identify mixtures.	* * * * *
	Describe how insoluble solids can be separated from a liquid.	* * * * *
	Classify mixtures.	* * * * *
7Eb		
	Describe what is seen when a solid dissolves.	* * * * *
	State the meaning of soluble, solution, solvent and solute.	* * * * *
	Describe how some solids can be used to form a solution and what is meant by a saturated solution.	* * * * *
	Identify the solute and solvent in a solution.	* * * * *
	State the meaning of solubility.	* * * * *
	Describe how temperature can affect solubility.	* * * * *
7Ec Working Scientifically		
	Identify hazards and risks.	* * * * *
	Justify methods of risk reduction.	* * * * *
	Plan appropriate safety precautions in experiments.	* * * * *
7Ec		
	Describe how soluble solids can be separated from a solution.	* * * * *
	Describe the difference between evaporation and boiling.	* * * * *
7Ed		
	Describe how chromatography can be used to separate mixtures.	* * * * *
	Explain how chromatography works.	* * * * *
7Ee		
	Describe how distillation can be used to separate mixtures.	* * * * *
	State examples of where distillation is used.	* * * * *
	Explain how distillation works.	* * * * *
	Use a knowledge of separation techniques to decide how a mixture should be separated.	* * * * *
	Justify a decision to separate a mixture in a certain way.	* * * * *