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:	
8Ca		
	Recall what happens in aerobic respiration.	* * * * *
	Model aerobic respiration using a word equation.	* * * * *
	Compare burning (combustion) and aerobic respiration.	* * * * *
8Cb		
	Recall the functions of the organs in the gas exchange system.	* * * * *
	Explain how the structure of the lungs allows efficient gas exchange.	* * * * *
	Describe how muscles cause breathing, and how this causes pressure differences that allow ventilation.	* * * * *
	Explain how the lungs are adapted for efficient gas exchange.	* * * * *
	Explain how specialised cells keep the lungs clean.	* * * * *
8C Working Scientifically		
	Calculate ranges and explain their use.	* * * * *
	Calculate means and explain their use.	* * * * *
8Cc		
	Describe ways that oxygen supply to tissues can be reduced, and the effect of this.	* * * * *
	Describe the effects of smoking tobacco.	* * * * *
	Describe the transfer of substances between blood and tissues.	* * * * *
	Explain the changes in pulse and breathing rate during exercise.	* * * * *
8Cd		
	Recall how to detect aerobic respiration.	* * * * *
	Describe how gas exchange occurs in different organisms including plants.	* * * * *
	Compare the human gaseous exchange system with those of other animals.	* * * * *
8Ce		
	Recall what happens in anaerobic respiration in humans.	* * * * *
	Explain when aerobic respiration and anaerobic respiration occur.	* * * * *
	Describe how lactic acid is removed from tissues.	* * * * *
	Explain the cause of excess post-exercise oxygen consumption (EPOC).	* * * * *