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

KWL Chart Answer Key

What do you know about acoustic mirrors?	What would you like to know about acoustic mirrors?	What did you learn about acoustic mirrors?
(answers will vary)	(answers will vary)	Acoustic mirrors were used by England as early warning devices during World War I.
What do you know about the properties and applications of waves?	What would like to you know about the properties and applications of waves?	What did learn about the properties and applications of waves?
(answers will vary)	(answers will vary)	An application of waves include acoustic mirrors which were one of the first forms of radar.
What do you know about the radius of curvature of an acoustic mirror?	What would like to know about the radius of curvature of an acoustic mirror?	What did you learn about the radius of curvature of an acoustic mirror?
(answers will vary)	(answers will vary)	It is the distance from the vertex to the center of curvature.
What do you know about how to calculate the focal length of a mirror?	What would like to know about calculating the focal length of a mirror?	What did you learn about calculating the focal length of a mirror?
(answers will vary)	(answers will vary)	The focal length is half the radius curvature.
What do you know about plot spectrums, frequency, sound intensity and acoustic mirrors?	What would you like to know about plot spectrums, frequency, sound intensity and acoustic mirrors?	What did you learn about plot spectrums, frequency, sound intensity and acoustic mirrors?
(answers will vary)	(answers will vary)	On a plot spectrum, acoustic mirrors can increase the sound intensity and frequency of sound waves.