Wave Worksheet Electromagnetic Spectrum	Name	
Match each kind of wave with one i	tem from column one and one item from colu	ımn two.
COLUMN 1 A. used in remote controls for TVs and VCRs	WAVE RADIO	COLUMN 2 H. used to find a broken bone or illegal plane carryon
B. goes through most matter except bone and lead	MICROWAVE	I. used to kill bacteria on food
C. highest frequency and energy	INFRARED	J. ROY G. BV
D. can cause skin cancer or promote vitamin D production	VISIBLE	K. shortest wavelength
E. longest wavelength	ULTRAVIOLET	L. most dangerous waves
F. used to transmit cellular phone calls	X-RAY	M. TV signals, and used in remote control devices like car alarms and garage door openers
G. wavelengths and frequencies that can be seen by the human eye	GAMMA	N. radiant heat rays
	cross the electromagnetic spectrum what happ	
16. What happens to the speed of	light as it enters a different medium?	
	nt portion of the electromagnetic spectrum ha	
	nt portion of the electromagnetic spectrum ha	s the lowest frequency and
19. What type of wave is a radio	rave is a radio wave? an infrared wave?	