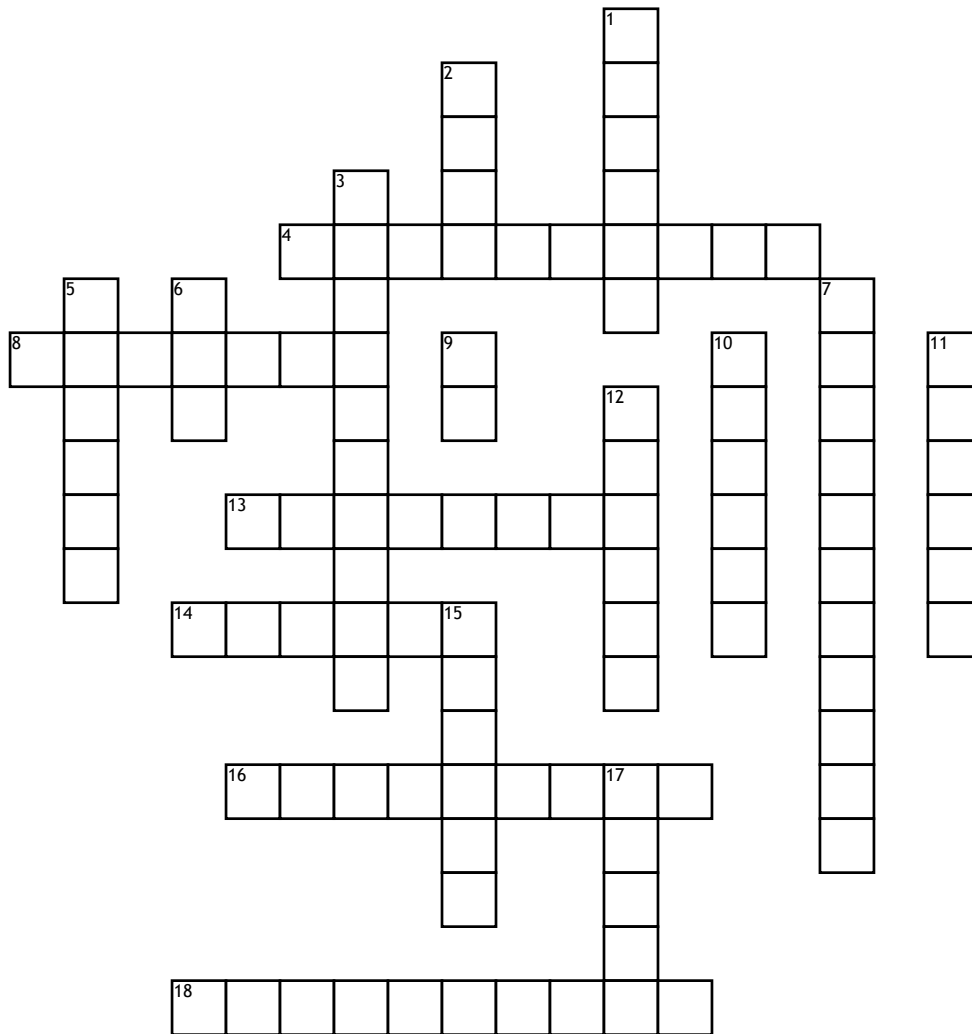


Name: _____

Date: _____

Waves



Across

4. what does speed divided by length equal
 8. if one increases then the other decreases
 13. the range of waves extending from radio to gamma
 14. both of the variables either increase or decrease
 16. what does speed divided by length equal
 18. what word best fits the definition the distance between two points on adjacent waves

Down

1. where in the spectrum is the microwave
 2. what word best fits the definition a disturbance that propagates from one point to another
 3. what does frequency times wavelength equal
 5. what does plancks constant times frequency equal
 6. was this helpful trick question
 7. what is the symbol for plancks constant

9. what is the symbol for frequency
 10. what word best fits the definition what the wave propagates through
 11. what is the standard unit for wavelength
 12. What is the symbol for wavelength
 15. what word best fits the definition low point
 17. what word best fits the definition high point

Word Bank

yes	meters	energy	medium	$6.626 \times 10^{-34} \text{Js}$
spectrum	lambda	wavelength	direct	trough
crest	inverse	HZ	second	wave
wavelength	frequency	wavespeed		