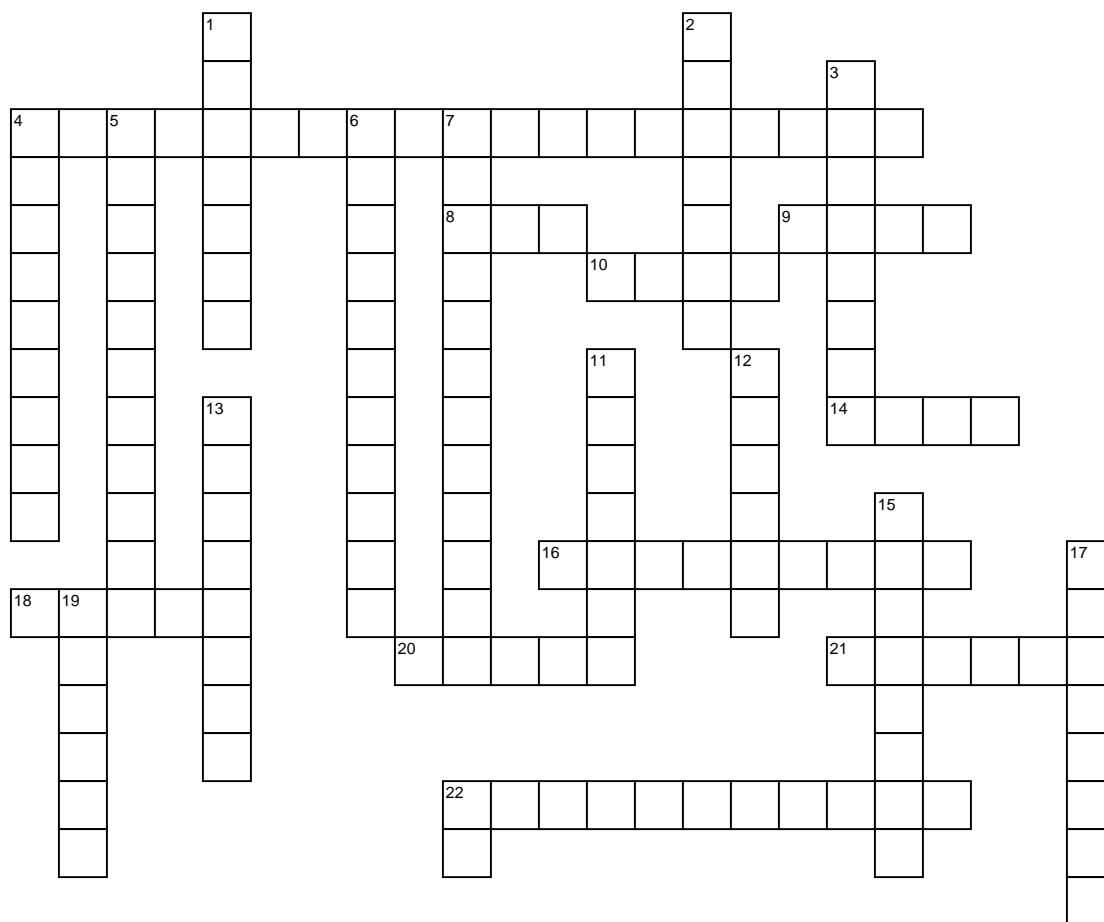


Chapter Three Chemistry

Psychophysical measurement



www.CrosswordWeaver.com

ACROSS

- 4 a way to solve problems using the units of the measurements
- 8 there are six rules for determining significant figures
- 9 SI unit for the amount of a substance
- 10 $K = C + 273$
- 14 does not change with a change in gravity
- 16 a measure of how close a series of measurements are to one another
- 18 SI unit of length
- 20 unit of energy
- 21 the measure of the pull of gravity on a mass
- 22 _____ figures include all of the digits that are known plus one for estimation

DOWN

- 1 a ratio of the mass to volume of a substance
- 2 the freezing point in this scale is zero
- 3 SI unit of mass
- 4 density _____ as temperature increases
- 5 a quantity that both a number and a unit
- 6 there are _____ grams in one kilogram
- 7 -273 Celsius is known as _____
- 11 unit of energy
- 12 SI unit of temperature
- 13 a measure of how close a measurement comes to a true value
- 15 engineers use _____ modeling to test products before they are built
- 17 in scientific _____ a number is written as a coefficient and a 10 raised to a power
- 19 the capacity to do work
- 22 international system of units is abbreviated