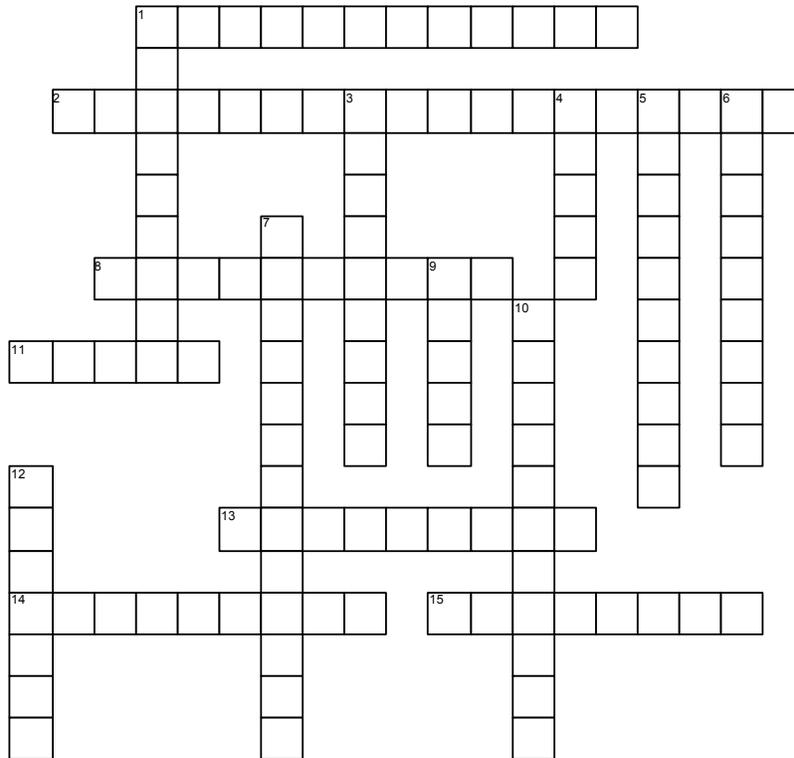


Math, Charts, And Calculations

Chapter 14



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ACROSS

- 1 Decimals are used to represent fractions of a unit by using a dot called a _____ to indicate that the number is a decimal.
- 2 _____ is written as a number multiplied by the number of zeros to the right or left of the decimal point.
- 8 _____ is the relationship of a value or number out of 100.
- 11 A _____ is used to represent data, such as numbers or specifications, along with another variable, such as model or year of vehicle.
- 13 Decimals with two numbers to the right of the decimal point indicate an accuracy of 1/100 or 0.01 called one _____.
- 14 When one gear turns, another, the speed that the two gears turn in relation to each other is the _____.
- 15 A _____ is a measurement of something that changes, such as engine speed or time.

DOWN

- 1 Gear ratio is expressed as the number of rotations the _____ must make in order to rotate the driven gear through one revolution.
- 3 _____, such as 1/2, 1/4, or 5/8 are commonly found in specifications for hose inside diameter measurements.
- 4 A decimal with one number to the right of the decimal point indicates an accuracy of 1/10 or 0.1 called one _____.
- 5 A decimal with three numbers to the right of the decimal point indicates an accuracy of 1/1000 or .001 called one _____.
- 6 _____ is the opposite of a gear reduction condition and occurs when a driven gear turns faster than its drive gear.
- 7 When a driven gear speed is slower than drive gear speed, _____ is provided.
- 9 A _____ is a visual display of information.
- 10 Since the drive gear turns once for each revolution of the driven gear, the gear ratio is 1:1; this is called a _____.
- 12 A _____ is a graphic design that explains or shows the arrangement of parts.