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Pre-Calc Crossword

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| **Across**  **3.** a theorem linking factors and zeros of a polynomial.  **6.** a graph that eventually comes to a stop.  **9.** The rate of change of velocity of a object  **11.** a line segment where two such surfaces meet.  **13.** A Circuit is a closed trail.  **14.** a formula to compute the derivative of a composite function.  **15.** the locus of all those points in a plane such that the sum of their distances from two fixed points in the plane, is constant.  **16.** It is mainly used to find the exponential decay or exponential growth or to compute investments, model populations and so on.  **17.** is defined as the sequence of numbers in which each number in the sequence is equal to the sum of two numbers before it  **20.** How far a number is from zero | **Down**  **1.** The multiplication of all positive integers  **2.**  are special points with reference to which any of a variety of curves is constructed.  **4.** push or pull  **5.** The angle subtended at the center of a circle by two given points on the circle.  **7.**  a number that can be positive or negative and have decimal places after the point.  **8.** an algebraic operation that takes two equal-length sequences of numbers (usually coordinate vectors), and returns a single number.  **10.** a special kind of ellipse in which the eccentricity is zero and the two foci are coincident  **12.** the product of a given positive integer multiplied by all lesser positive integers  **18.** a straight line segment whose endpoints both lie on a circular arc.  **19.** says how many times to use that number in a multiplication. |

   absolute value       Acceleration       central angle       Chain Rule       chord       circle       circuit       dot product        edge       ellipse       exponent       exponential function       factor theorem       factorial       factorial notation       Fibonacci sequence       finite graph       foci       force       real numbers