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Liberal Arts Final

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| **Across**  **2.** The distance that a number is from zero on the number line  **9.** to write an expression in a simpler form  **11.** a number, variable, or the product of a number and a variable  **14.** integers that increase or decrease incrementally by 1  **15.** the middle number in a set of numbers that are listed in order  **16.** substituting a given number for each variable  **17.** The numerical factor when a term has a variable  **18.** two numbers whose product is 1  **19.** the number or expression that is used as a factor in a repeated multiplication  **20.** A quantity that does not vary | **Down**  **1.** adding the opposite  **3.** An example that shows a conjecture is false  **4.** a mathematical sentence with an equal sign  **5.** terms with exactly the same variable factors in a variable expression  **6.** a mathematical phrase that contains operations, numbers, and/or variables  **7.** the set of numbers that includes rational and irrational numbers  **8.** a mathematical notation indication the number of times a quantity is multiplies by itself  **10.** operations that undo each other  **12.** a number that has no factor but itself and 1  **13.** whole numbers and their opposites |