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Topic 1: Rational and Irrational Numbers

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| **Across****5.** A number that is the square of an integer. **8.** An arrangement of things in relation to each other according to a particular sequence or pattern. **10.** The set of positive whole numbers and their opposites (negatives), and zero. **11.** To find a number that is close to an exact answer. **12.** A decimal that has the same digit, or block of digits that repeats without end.  | **Down****1.** A number that when multiplied by itself, equals the original number. **2.** A number that cannot be written as a fraction, includes decimals that never end and never repeat. **3.** A decimal that ends. **4.** The set of all rational and irrational numbers**6.** The set of counting numbers, does not include zero.**7.** A number that can be written as a fraction, includes terminating and repeating decimals. **9.** The set of numbers that include zero and all natural numbers.  |