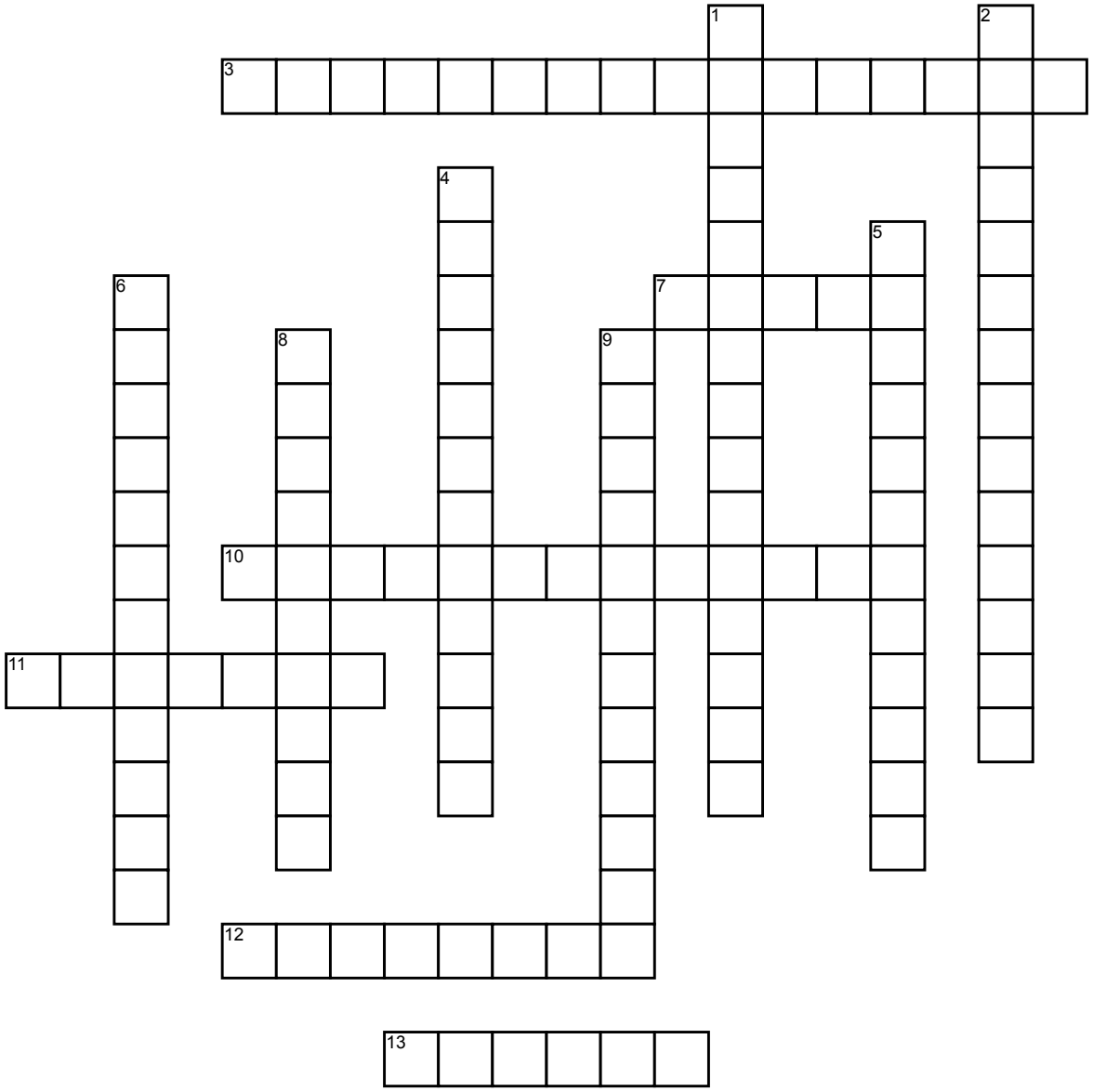
Name: _____ Date: _____ Period: _____

# Unit 1 Vocabulary



**Across**

**3.** The representation of a number as a sum of place values where each term is shown as a digit(s) times its place value (e.g., 985,156,789 as (9 x 100,000,000) + (8 x 10,000,000) + (5 x 1,000,000) + (1 x 100,000) + (5 x 10,000) + (6 x 1,000) + (7 x 100) + (8 x 10) + (9 x 1); 985,156,789.78 as 9(100,000,000) + 8(10,000,000) + 5(1,000,000) + 1(100,000) + 5(10,000) +6(1,000) + 7(100) + 8(10) + 9 + 7(0.1) + 8(0.01))

**7.** Any numeral from 0 – 9.

**10.** A number in the base-10 place value system used to represent a quantity that may include part of a whole and is recorded with a decimal point separating the whole from the part.

**11.** A symbol used to name a number

**12.** The representation of a number using written words (e.g., 985,156,789 as nine hundred eighty-five million, one hundred fifty-six thousand, seven hundred eighty-nine; 985,156,789.78 as nine hundred eighty-five million, one hundred fifty-six thousand, seven hundred eighty-nine and seventy-eight hundredths)

**13.** A three-digit grouping of whole numbers where each grouping is composed of a ones place, a tens place, and a hundreds place, and each grouping is separated by a comma.

**Down**

**1.** The set of positive numbers that begins at one and increases by increments of one each time (1, 2, 3,4,5,6....)

**2.** The value of two numbers to determine which number is greater or less or if the numbers are equal in value.

**4.** Placing numbers from least to greatest or greatest to least.

**5.** The representation of a number using digits (e.g., 985,156,789.78)

**6.** The set of counting (natural) numbers and zero {0, 1, 2, 3, ..., n}

**8.** The value of a digit as determined by its location in a number such as ones, tens, hundreds, one thousands, ten thousands, etc.

**9.** The representation of a number as a sum of place values (e.g., 985,156,789 as 900,000,000 + 80,000,000 + 5,000,000 + 100,000 + 50,000 + 6,000 + 700 + 80 + 9; 985,156,789.78 as 900,000,000 + 80,000,000 + 5,000,000 + 100,000 + 50,000 + 6,000 + 700 + 80 + 9 + 0.7 + 0.08)