

Name _____

Date _____

Prime and Composite Numbers Guided Lesson Explanation

Prime numbers only have 2 factors (1 and themselves). Composite numbers have more than 2 factors. All even numbers, except for "2", are composite.

1. 18 is an even number that is not "2", so it's composite. Because it's composite, write all the factors.

(Composite) Factors: 1, 2, 3, 6, 9, 18

2. 29 **Prime** because the only factors are 1 and 29.

3. 44 is an even number that is not "2", so it's composite. Because it's composite, write all the factors.

(Composite) Factors: 1, 2, 4, 11, 22, 44

4. 67 **Prime** because the only factors are 1 and 67.

5. 81 is composite because it has more than 2 factors.

(Composite) Factors: 1, 3, 9, 27, 81

6. 97 **Prime** because the only factors are 1 and 97.