Name _____

Prime and Composite Numbers

COMMON CORE STANDARD CC.4.OA.4

Gain familiarity with factors and multiples.

Tell whether the number is *prime* or *composite*.

1. 47

Think: Does 47 have other factors besides 1 and itself?

prime

2. 68

3. 52

4. 63

5. 75

6. 31

7. 77

8. 59

9. 87

10. 72

11. 49

12. 73

Problem Solving REAL WORLD

13. Kai wrote the number 85 on the board. Is 85 prime or composite? **Explain.**

14. Lisa says that 43 is a 2-digit odd number that is composite. Is she correct? **Explain.**

TEST PREP

Lesson Check (CC.4.OA.4)

1. The number 5 is:
   - (A) prime
   - (B) composite
   - (C) both prime and composite
   - (D) neither prime nor composite

2. The number 1 is:
   - (A) prime
   - (B) composite
   - (C) both prime and composite
   - (D) neither prime nor composite

Spiral Review (CC.4.OA.3, CC.4.NBT.2, CC.4.NBT.3, CC.4.NBT.6)

3. A recipe for a vegetable dish contains a total of 924 calories. The dish serves 6 people. How many calories are in each serving? (Lesson 4.10)
   - (A) 134 calories
   - (B) 150 calories
   - (C) 154 calories
   - (D) 231 calories

4. A store clerk has 45 shirts to pack in boxes. Each box holds 6 shirts. What is the fewest boxes the clerk will need to pack all the shirts? (Lesson 4.3)
   - (A) 9
   - (B) 8
   - (C) 7
   - (D) 6

5. Which number rounds to 200,000? (Lesson 1.4)
   - (A) 289,005
   - (B) 251,659
   - (C) 152,909
   - (D) 149,889

6. What is the word form of the number 602,107? (Lesson 1.2)
   - (A) six hundred twenty thousand, seventeen
   - (B) six hundred two thousand, one hundred seven
   - (C) six hundred twenty-one thousand, seventeen
   - (D) six hundred two thousand, one hundred seventy