

**Test 6—Question 4: Problem Solving**

**4** Cory and Jackie have these clues about a Mystery Number.

The Mystery Number is GREATER than 43 and LESS than 50.

The Mystery Number is an even number.

Cory thinks the Mystery Number could be 47, but Jackie does not think this is correct. Tell who is correct and explain why on the lines below.

---

---

---

---

---

Now find all the numbers that could be the Mystery Number. Write your answers on the line below.

*Answer* \_\_\_\_\_

**Exemplary Response:**

- Jackie is right because 47 is not an even number.

AND

- 44, 46, 48

**NOTE:** No credit is awarded if any correct value is omitted, or if any incorrect value is added.

**Rubric:**

- 2 points** Exemplary response
- 1 point** One correct component
- 0 points** Other