

Rounding Numbers — Show What You Know

Name: _____

Date: _____

Part A — Place Value

1. Identify the place value of the underlined digit.

- a) 4,782
- b) 63,451
- c) 2,581,342
- d) 7.864
- e) 12.472

Part B — Round Whole Numbers

2. Round each number to the indicated place.

- a) 7,483 → nearest hundred _____
- b) 56,721 → nearest thousand _____
- c) 348,291 → nearest ten thousand _____
- d) 5,782,416 → nearest million _____
- e) 8,649,231 → nearest hundred thousand _____

Part C — Round Decimals

3. Round each number as indicated.

- a) 4.673 → nearest tenth _____
- b) 8.294 → nearest hundredth _____
- c) 15.738 → nearest tenth _____
- d) 6.492 → nearest hundredth _____
- e) 0.386 → nearest tenth _____
- f) 12.345 → nearest thousandth _____

Part D — Explain Your Thinking

4. Round 7,846,291 to the nearest million. _____

Explain how you figured it out:

5. A student rounded 4.678 to the nearest tenth and got 4.6.

Are they correct?

Explain your answer.

Part E — Challenge

6. Find a number that:

- is between **3,000** and **4,000**
- rounds to **4,000** to the nearest thousand
- rounds to **3,500** to the nearest hundred

What number could work?

Explain your thinking:
