

Chapter 1 — Place Value, Number Forms, and Comparing Numbers

Worksheet A: Guided Practice

Name: _____ Grade: _____ Date: _____

1. What is the value of the digit 4 in 462?

The 4 is in the hundreds place.

2. What is the value of the digit 0 in 8,104?

Find the tens place first.

3. Write 739 in expanded form.

Break into hundreds, tens, ones.

4. What is the value of the digit 1 in 5.16?

The 1 is the first digit after the decimal point.

5. What is the value of the digit 6 in 5.16?

The 6 is the second digit after the decimal point.

6. Write 1,809 in word form.

The tens digit is zero. Do not skip straight from hundreds to ones.

7. Write 4.28 in expanded form.

4 ones, 2 tenths, 8 hundredths.

8. Compare: 0.4 ____ 0.40

Does a zero at the very end change the value?

9. Write $6,000 + 300 + 2$ in standard form.

There is no tens term. What goes in the tens place?

10. Compare: 0.6 ____ 0.59

Line up the decimal points first.

11. Round 271 to the nearest ten.

Look at the ones digit.

12. Order from least to greatest: 0.3, 0.32, 0.302

Write each number with three decimal places before comparing.

13. Round 271 to the nearest hundred.

Look at the tens digit.

14. Compare: 9.05 ____ 9.5

Write both numbers with the same number of decimal places.

15. Write $4,000 + 700 + 8$ in standard form.

There is no tens term here either.

16. Round 6.283 to the nearest tenth.

Look at the hundredths digit.