Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit 4 Study Guide

 Write the following decimals in numerals:

Twenty-five and fourteen hundredths \_\_\_\_\_\_\_\_\_\_\_\_\_

Nine hundred ten thousandths \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Four and seven hundredths \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Two tenths \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Make the following changes to the number

3.587:

Make the 3 worth $\frac{1}{10}$ as much

Make the 7 worth 10 times as much

Make the 5 worth 10 times as much

Make the 8 worth $\frac{1}{10}$ as much

\_\_\_\_\_\_\_ . \_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_

Write the following decimals in words:

0.05 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.652\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9.71\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write the decimal in expanded form and shade the grid.

0.526: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 0.204: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



 Shade the grid in one color to show the staring number. Then, cross out or shade darker to show the number being taken away. Write the difference to complete the number sentence.

 0.52-0.26 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Write the ordered pairs for the coordinate grids or plot the points.

 A: (\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_) F: (9,1)

 B: (\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_) G: (0,7)

 C: (\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_) H: (10,6)

 D: (\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_) I: (5,7)

 E: (\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_) J: (2,1)

 Round each decimal to the place listed.

|  |  |  |  |
| --- | --- | --- | --- |
| Start Number | Nearest hundredth | Nearest Whole Number | Nearest Tenth |
| 4.024 |  |  |  |
| 6.201 |  |  |  |
| 1.76 |  |  |  |

Write $> = <$ to make the number sentence true.

2.53 \_\_\_\_\_\_\_\_\_\_\_\_ 2.35

1.30 \_\_\_\_\_\_\_\_\_\_\_\_ 1.3

4.051 \_\_\_\_\_\_\_\_\_\_\_\_ 4.015

10.28 \_\_\_\_\_\_\_\_\_\_\_\_ 1.028

 Estimate. Then solve for the actual answer.

4.52 + 2.77 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10.5 – 3.6 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Estimate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Estimate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2.99 + 6.31 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 7.44 – 2. 5 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Estimate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Estimate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Extra Work Space