

Name: _____

Unit 1 Test ~ Homework Review

1. Solve.

$87,000 \times 10^1 =$ _____ $37,000 \times 10 =$ _____ $6.39 \times 10 =$ _____

2. Solve. $7,802 \div 10 =$ _____ $342.7 \div 10 =$ _____ $26.74 \div 10 =$ _____

3. Write 9.37 in expanded form.

_____ = 9.37

4. Write 74.947 in word form.

5. Solve.

$5.89 \times 10^2 =$ _____ $29.5 \times 10^2 =$ _____ $5.21 \times 10^2 =$ _____

6. Compare using $>$, $<$, or $=$.

4 tenths + 17 hundredths 0.57

5. Compare using $>$, $<$, or $=$.

478 hundredths 4 + 77 hundredths

6. Compare using $>$, $<$, or $=$.

0.5 0.499

7. Average annual rainfall totals for cities in New York are listed below.

Syracuse	0.938 meters
Buffalo	2.95 meters
Albany	2.957 meters
NYC	0.954 meters

Put the rainfall measurements in order from least to greatest.

8. Solve: $74 - 4.98$

Answer: _____

9. Solve: $39 + 17.13$

Answer: _____

10. Solve: 5×1.9

7×9.3

Answer: _____

Answer: _____

11. Rainfall collected in a rain gauge was found to be 8.7 cm when rounded to the nearest tenth of a centimeter. Which measurement below could not be the actual measurement of the rainfall?

A. 8.72 cm

B. 8.68 cm

C. 8.75 cm

D. 8.67 cm

12. Draw a number line below to show how you would round 4.83 to the nearest tenth.

4.83 rounds to _____

13. Draw a number line to show how you would round 5.753 to the nearest hundredth.

5.753 rounds to _____

14. Look at the number line below where 4.82 is represented by letter A. Add 0.76 to 4.82. Plot your answer on the number line and label your answer as letter B.

