

Name: _____ Period: _____ Date: _____

Homework E-3
The Metric System

Unit E

Review. Round to the nearest hundredth.

1. 43.782

3. 197.698

2. 0.9167

4. 4.563

Complete the conversion.

5. 95 g = _____ mg

10. 650 cm = _____ m

6. 389 mm = _____ m

11. 57 kg = _____ g

7. 56 L = _____ kL

12. 751 mg = _____ g

8. 0.32 mm = _____ cm

13. 8.2 L = _____ mL

9. 39.1 g = _____ kg

14. 52 L = _____ kL

Read the following story problems and complete the conversion.

15. A helicopter was flying 800 meters above the ground. How many kilometers above the ground was it flying?

16. The ceilings of most classrooms are about 2.5 meters above the floor. How many centimeters high is the ceiling?

17. Mr. Smith's lawn sprinkler sprays about 150 liters of water each hour. How many kiloliters of water does it spray?

- 18.** A measure of one pound is equivalent to about 454 grams. How many kilograms are in one pound?
How many milligrams are in one pound?

Complete the statement using $<$, $>$ or $=$.

19. 160 mg _____ 16 g

20. 8.3 kg _____ 83,000 mg