NAME _____ DATE _____ PERIOD _____

Lesson 3 Homework Practice

Convert Unit Rates

Convert each rate. Round to the nearest hundredth if necessary.

1. 345 ft/min = **20,700** ft/h

2. 64 mi/h ≈ **93.9** ft/s

3. 17 cm/min = **10.2** m/h

4. 815 gal/h ≈ **0.91** qt/sec

5. 39 ft/min ≈ **0.22** yd/s

6. 6,000 lb/day = **21** T/wk

7. 110 mi/h = **2,640** mi/day

8. 2 lb/wk ≈ **4.57** oz/day

9. 90 ft/h ≈ **3,520** mi/min

10. 44 mi/h ≈ **1,290.67** yd/min

11. 22 lb/day ≈ **14.7** oz/h

12. 720 pt/h ≈ **6** qt/min

Use the table below showing the speed in miles per hour of several bikers.

Speeds While Biking	
Name	**Speed (miles per hour)**
Zoe	24
Jermaine	22.5
Ragsak	31.8
Yuzo	27

13. What is Ragsak's speed in feet per second? Round to the nearest tenth. **46.6 ft/s**

14. What is Zoe's speed in yards per minute? **352 yd/min**

15. How many feet per minute faster is Yuzo's speed than Jermaine's speed?
396 ft/min faster

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