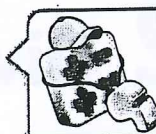


# 4.1 Independent Practice

TEKS 6.3.E



Personal Math Trainer

Online Assessment and Intervention

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Make a reasonable estimate for each situation.

14. A gallon of water weighs 8.354 pounds. Simon uses 11.81 gallons of water while taking a shower. About how many pounds of water did Simon use?

15. A snail moves at a speed of 2.394 inches per minute. If the snail keeps moving at this rate, about how many inches will it travel in 7.489 minutes?

16. Tricia's garden is 9.87 meters long and 1.09 meters wide. What is the area of her garden?

\_\_\_\_\_

16 estimate

\_\_\_\_\_

Kaylynn and Amanda both work at the same store. The table shows how much each person earns, and the number of hours each person works in a week.

	Wage	Hours worked per week
Kaylynn	\$8.75 per hour	37.5
Amanda	\$10.25 per hour	30.5

37.5  
x 8.75  
-----  
328.125 ≈ \$328.13

17. Estimate how much Kaylynn earns in a week.

18. Estimate how much Amanda earns in a week.

19. Calculate the exact difference between Kaylynn and Amanda's weekly salaries.

10.25  
x 30.5  
-----  
312.625 ≈ \$312.63

\$328.13  
-----  
\$312.63  
-----  
subtract them  
\$15.50

20. Victoria's printer can print 8.804 pages in one minute. If Victoria prints pages for 0.903 minutes, about how many pages will she have?

A taxi charges a flat fee of \$4.00 plus \$2.25 per mile.

21. How much will it cost to travel 8.7 miles?  $\$4 + (2.25 \times 8.7) = \$4 + 19.58 = \$23.58$

22. Multistep How much will the taxi driver earn if he takes one passenger 4.8 miles and another passenger 7.3 miles? Explain your process.

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