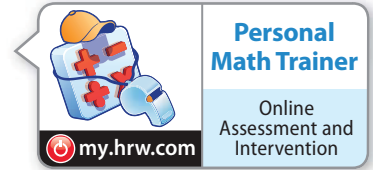


6.2 Independent Practice

COMMON CORE 6.RP.2, 6.RP.3, 6.RP.3b



Taryn and Alastair both mow lawns. Each charges a flat fee to mow a lawn. The table shows the number of lawns mowed in the past week, the time spent mowing lawns, and the money earned.

	Number of Lawns Mowed	Time Spent Mowing Lawns (in hours)	Money Earned
Taryn	9	7.5	\$112.50
Alastair	7	5	\$122.50

9. How much does Taryn charge to mow a lawn? _____
10. How much does Alastair charge to mow a lawn? _____
11. Who earns more per hour, Taryn or Alastair? _____
12. **What If?** If Taryn and Alastair want to earn an additional \$735 each, how many additional hours will each spend mowing lawns? Assume each mows at the rate shown in the table and charges by the hour. Explain.

13. **Multistep** Tomas makes balloon sculptures at a circus. In 180 minutes, he uses 252 balloons to make 36 identical balloon sculptures.

- a. How many minutes does it take to make one balloon sculpture? How many balloons are used in one sculpture? _____
- b. What is Tomas's unit rate for balloons used per minute? _____
- c. Complete the diagram to find out how many balloons he will use in 10 minutes. _____

