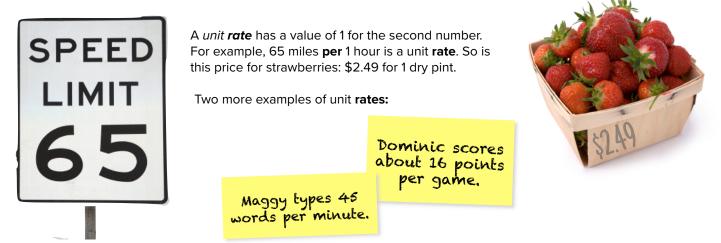
## The Power of Per

## Ratio and rate: Can you tell the difference?

In the table below, mark whether each statement refers to a rate or just a ratio.

			length and time.
Tortoises walk about 100 feet every 5 minutes.	🗹 rate	🗌 just a ratio	This is a RATE.
Only three of the sodas were sugar free, and nine were regular.	🔲 rate	🗹 just a ratio	Both of the numbers are referring to soda. This is just a RATIO.
My internet connection can download two full-length movies in about 10 minutes.	🗌 rate	🗋 just a ratio	
The Berkeley Yellow Jackets won 22 out of 25 games this season.	🗌 rate	🗋 just a ratio	
Famous supermodels often make \$250 <b>per</b> hour.	🗌 rate	🔲 just a ratio	
At the 2008 Olympics, Usain Bolt ran 100 meters in 9.69 seconds.	🗌 rate	🔲 just a ratio	

## Unit Rates: They communicate better and are easier too.



These two examples are not unit rates—yet. Work with a partner to calculate the unit rate. Show your work.

The hose leaks 4 gallons of water every 5 hours. \$13.50/6 rides on the subway. Two different kinds of units used: