

### Lesson Summary

Unit Rate can be located in tables, graphs, and equations.

- Table—the unit rate is the value of the first quantity when the second quantity is 1.
- Graphs—the unit rate is the value of  $r$  at the point  $(1, r)$ .
- Equation—the unit rate is the constant number in the equation. For example, the unit rate in  $r = 3b$  is 3.

### Problem Set

The table below shows the amount of money Gabe earns working at a coffee shop.

<b>Number of Hours Worked</b>	3	6	9	12
<b>Money Earned (in dollars)</b>	40.50	81.00	121.50	162.00

1. How much does Gabe earn per hour?
2. Jordan is another employee at the same coffee shop. He has worked there longer than Gabe and earns \$3 more per hour than Gabe. Complete the table below to show how much Jordan earns.

<b>Number of Hours Worked</b>	4	8	12	16
<b>Money Earned (in dollars)</b>				

3. Serena is the manager of the coffee shop. The amount of money she earns is represented by the equation  $m = 21h$ , where  $h$  is the number of hours Serena works, and  $m$  is the amount of money she earns. How much more money does Serena make an hour than Gabe? Explain your thinking.
4. Last month, Jordan received a promotion and became a manager. He now earns the same amount as Serena. How much more money does he earn per hour now that he is a manager than he did before his promotion? Explain your thinking.