

**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.

Number of Hours Worked	3	6	9	12
Money Earned (in dollars)	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.

Number of Hours Worked	4	8	12	16
Money Earned (in dollars)				

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.