

## 7-5 • Guided Problem Solving

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**GPS** Student Page 264, Exercise 16:

**Choose a Method** Juanita earns \$5 for each subscription she sells. If she sells 25 subscriptions, will she make enough money to buy a new bicycle that costs \$115? Explain. Use a table, graph, or equation to support your answer.

### ***Understand***

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1. What are you being asked to do?

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2. What are the three ways you could find the amount?

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### ***Plan and Carry Out***

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3. What variable will you use? \_\_\_\_\_

4. What does the variable stand for? \_\_\_\_\_

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5. What equation can you use to represent how much she makes?

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6. How can you use the equation to find how much she made?

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7. How much does she make? \_\_\_\_\_

8. Does she have enough to buy the bicycle? \_\_\_\_\_

### ***Check***

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9. Is \$125 enough to buy the bicycle? \_\_\_\_\_

### **Solve Another Problem**

10. Shawn earns \$3 for each advertisement she sells for a theater's program. If he sells 41 advertisements, will he make enough money to buy a new gaming system that costs \$125? Explain. Use a table, graph, or equation to support your answer.

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