Identify the Constant of Proportionality Independent Practice Worksheet
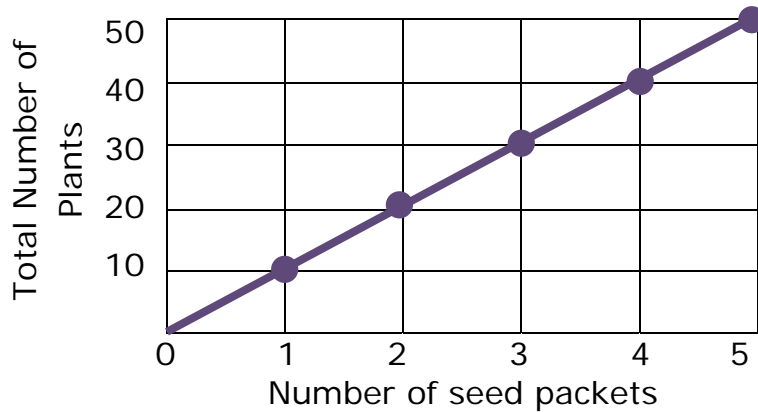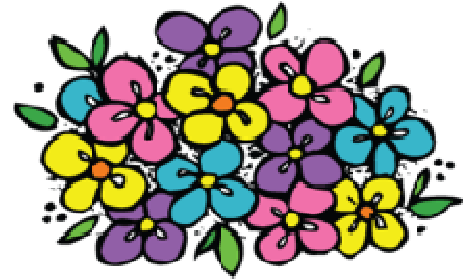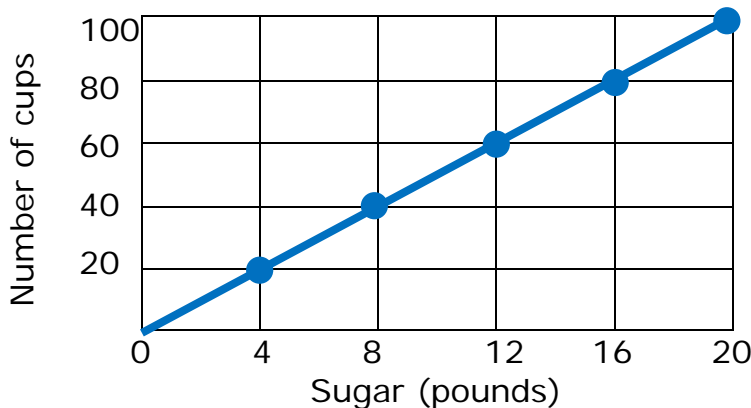
Complete all the problems. Make sure to draw pictures to help you solve the problems.

1. The graph below represents the total number of plants and number of seed packets used. What is the constant of proportionality?
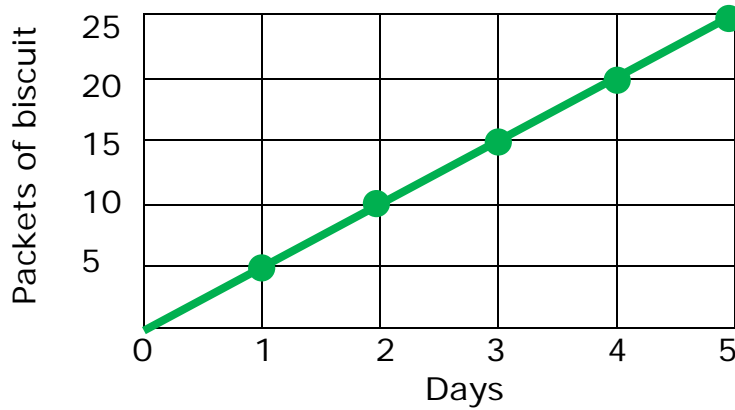

2. The graph below represents the total number of cups of coffee and the total amount of sugar required to make the coffee. What is the constant of proportionality?
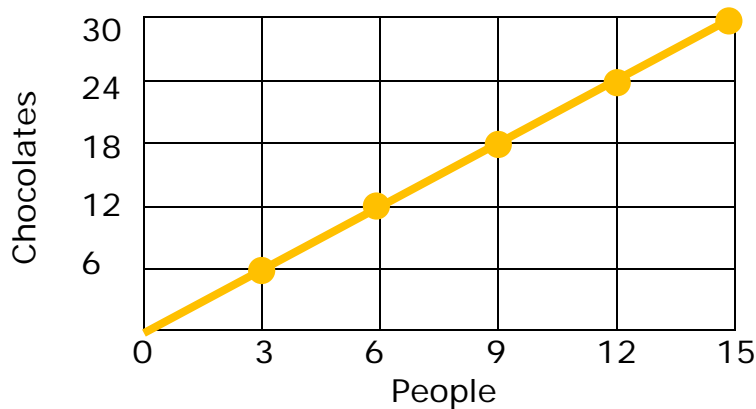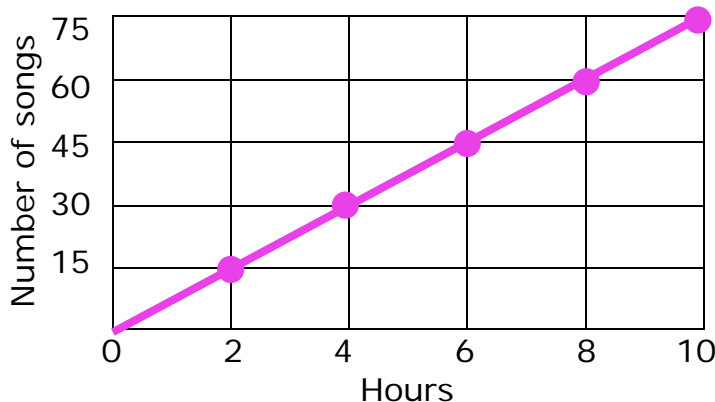
3. The graph below represents the packets of biscuits consumed over time. What is the constant of proportionality?

4. The graph below represents the chocolate consumed by people. What is the constant of proportionality?
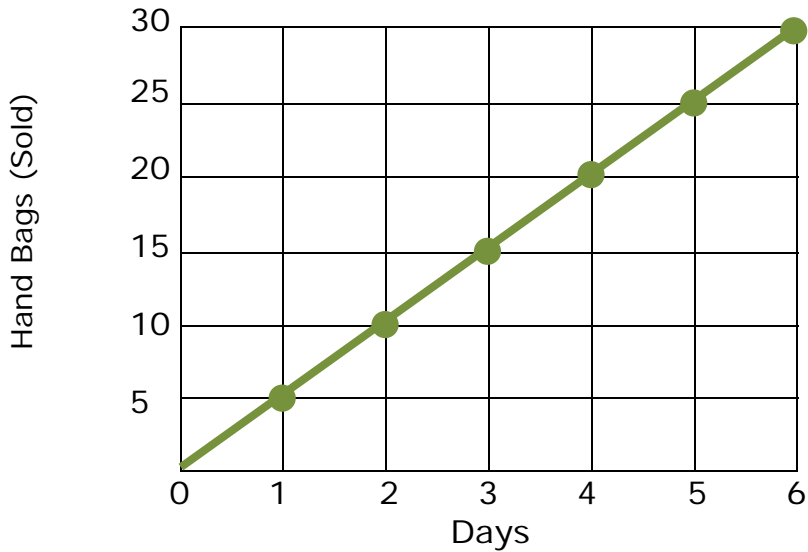

5. The graph below represents the number of songs played on a radio station. What is the constant of proportionality?
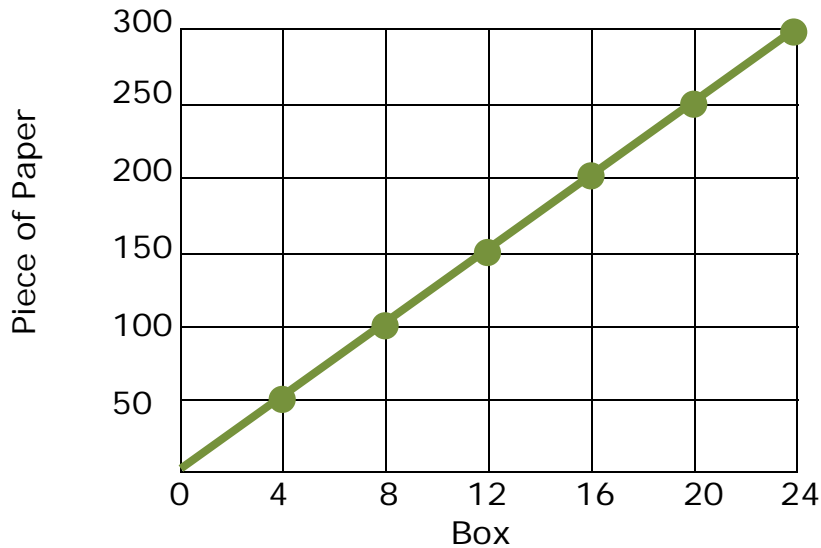
6. The graph below represents the number of hand bags sold over a certain number of days. What is the constant of proportionality?
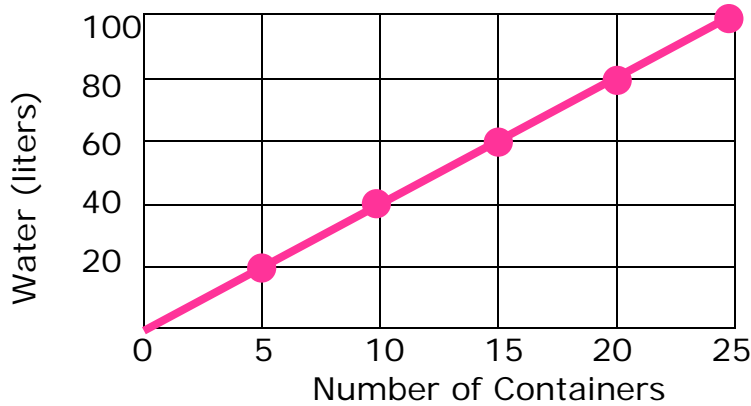

7. The graph below represents the number of pieces of paper that are found in boxes. What is the constant of proportionality?
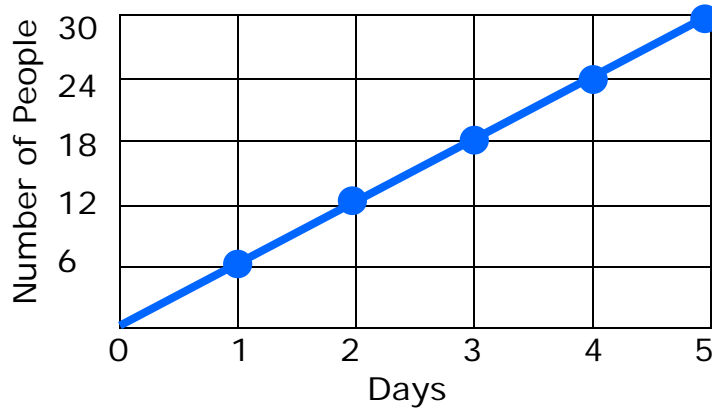
8. The graph below represents the number of containers and liters of water contained in the containers. What is the constant of proportionality?

9. The graph below represents the number of people that go to church on the week days. What is the constant of proportionality?

10. The graph below represents the number of clothes washed by the number of washing machines. What is the constant of proportionality?